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**1. Terminology.** Terms included in the *Concise Oxford Dictionary, Chamber's Dictionary of Science and Technology* and the *Terminology of Forest Science, Technology, Practice and Products* are used without explanation. Other terms from particular sciences may also be used without explanation if it is thought that they are familiar to those readers likely to be concerned.

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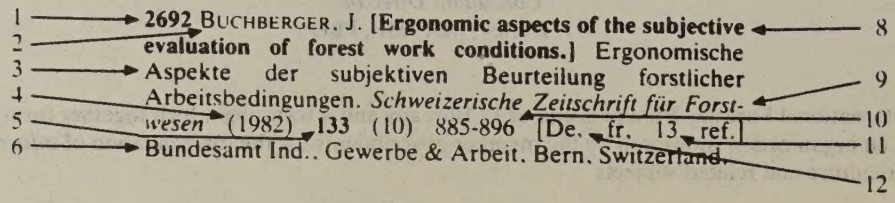
**(b) Language symbols.** Capital initial letters indicate the language of the text, small letters the language(s) of the summary. The following abbreviations are used:

| | | |
|---|---|---|
| Af - Afrikaans | Fr - French | Nl - Dutch |
| Ar - Arabic | Gr - Greek | No - Norwegian |
| Az - Azerbaijan(i)/Azerbai-dzhani/Azerbaidzhanian | He - Hebrew | Pe - Persian |
| | Hu - Hungarian | Pl - Polish |
| Be - White Russian | In - Indonesian | Pt - Portuguese |
| Bg - Bulgarian | Is - Icelandic | Ro - Romanian |
| Ch - Chinese | It - Italian | Ru - Russian |
| Cs - Czech | Ja - Japanese | Sh - Serbo-Croatian |
| Da - Danish | Ko - Korean | Sk - Slovakian |
| De - German | La - Latin | Sn - Slovenian |
| Ee - Estonian | Li - Lithuanian | Sv - Swedish |
| En - English | Lv - Latvian | Ta - Tajik/Tadzhik |
| Es - Spanish | Ma - Macedonian | Tr - Turkish |
| Fi - Finnish | My - Malay/Bahasamalaysia | Uk - Ukrainian |

**(c) Back References.** These refer to notices in previous issues and appear in square brackets with an indication of volume and abstract number, e.g. [See *FA 41*, 3456.] [See *FPA 3*, 1234.]

**(d) What an abstract contains.**




7 → A report based on interviews with more than 300 forest workers and about 400 apprentices from German and French-speaking Cantons in Switzerland. Topics include: age group in relation to general evaluation of forest work; sources of job dissatisfaction; motives for choice of job; parts of body stressed during forest work; and environmental (climate, noise, vibration, exhaust) stresses. Important differences were frequently found between attitudes of workers in German vs. French Cantons; in some cases these related to (objectively) poorer working conditions in French-speaking Cantons.

| | |
|---|---|
| (1) Abstract number | (7) Abstract |
| (2) Author | (8) English title |
| (3) Foreign title | (9) Journal title |
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| (6) Author's affiliation | (12) Language of text, summary |

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| | |
|---|---|
| a | are |
| Å | ångström |
| AAS | atomic absorption spectrometry |
| ABA | abscisic acid |
| a.c. | alternating current |
| ACTH | adrenocorticotropic hormone |
| ADF | acid detergent fibre |
| *ad lib.* | *ad libitum* (to amount wished) |
| ADP | adenosine diphosphate |
| a.e. | acid equivalent |
| AFNOR | Association Francaise de Normalisation |
| AFOCEL | Association Forêt–Cellulose |
| a.i. | active ingredient |
| AI | artificial insemination |
| alt. | altitude |
| AMP | adenosine monophosphate |
| approx. | approximately |
| Apr. | April |
| ARMEF | Association pour la Rationalisation et le Mécanisation de l'Exploitation Forestière |
| ASTM | American Society for Testing Materials |
| atm | (standard) atmosphere |
| ATP | adenosine triphosphate |
| Aug. | August |
| av. | average |
| b.a. | basal area |
| bd ft | board feet |
| b.h. | breast height |
| BOD | biological oxygen demand |
| b.p. | boiling point |
| BP | before present |
| BS(I) | British Standard(s) (Institution) |
| Btu | British thermal unit |
| bu | bushel |
| CA | controlled atmosphere |
| c.a.i. | current annual increment |
| cal | calorie |
| cAMP | cyclic adenosine monophosphate |
| CCA | copper chrome arsenate |
| Cd | candela |
| CEC | cation exchange capacity |
| CF | crude fibre |
| CGR | crop growth rate |
| Ci | curie |
| CNS | central nervous system |
| COD | chemical oxygen demand |
| coeff. | coefficient |
| COMECON | Council for Mutual Economic Aid |
| conc. | concentrated |
| concn. | concentration(s) |
| CP | crude protein |
| CR | conception rate |
| CSIRO | Commonwealth Scientific and Industrial Research Organization (Australia) |
| cv. | cultivar |
| CV | coefficient of variation |
| cwt | hundredweight |
| d | day |
| dB | decibel |
| d.b.h. | diameter at breast height |
| d.c. | direct current |
| DCP | digestible crude protein |
| DDM | digestible dry matter |
| DDT | dichlorodiphenyltrichloro–ethane |
| DE | digestible energy |
| Dec. | December |
| DIN | Deutsches Institut für Normung |
| dil. | dilute |
| DM | dry matter |
| diam. | diameter |
| DNA | deoxyribonucleic acid |
| DOM | digestible organic matter |
| DW | dry weight |
| E | einstein |
| E. | east |
| e.c. | emulsifiable concentrate |
| EC | European Communities |
| ECE | Economic Commission for Europe |
| ECG | electrocardiogram |
| EEG | electroencephalogram |
| e.g. | for example |
| ELISA | enzyme–linked immunosorbent assay |
| EM | electron microscope |
| e.m.c. | equilibrium moisture content |
| equiv. | equivalent |
| ESP | exchangeable sodium percentage |
| ESR | electron spin resonance |
| *et al.* | *et alii* (and others) |
| eV | electronvolt |
| f. | *forma* (form) |
| °F | degree Fahrenheit |
| $F_1$ | first filial generation (also $F_2$ etc.) |
| FAO | Food and Agriculture Organization |
| FCM | fat-corrected milk |
| Feb. | February |
| f. sp. | *forma specialis* (special form) |
| ft | foot (feet) |
| FU | Feed Unit/Fodder Unit |
| FW | fresh weight |
| FYM | farmyard manure |
| $g_n$ | gravity, standard |
| GA | gibberellic acid |
| gal | gallon (Imperial or US) |
| g.b.h. | girth at breast height |
| GC | gas chromatography |
| GCA | general combining ability |
| gen. nov. | *genus novum* (new genus) |
| GLC | gas–liquid chromatography |
| GOST | Gosudarstvennyi Obshchesoyuznyi Standart |
| Gram+ | gram positive |
| Gram– | gram negative |
| h | hour |
| $h^2$ | heritability |
| ha | hectare |
| Hb | haemoglobin |
| HCG | human chorionic gonadotropin |
| HCH | benzene hexachloride |
| hkg | hectokilogram |
| hp | horsepower |
| HPLC | high performance liquid chromatography |
| ht. | height |
| IAA | indoleacetic acid |
| IB | internal bond |
| IBA | indolebutyric acid |
| i.e. | that is |
| Ig | immunoglobulin |
| IR | infrared |
| ISO | International Organization for Standardization |
| IU | International unit |
| IUFRO | International Union of Forestry Research Organizations |
| Jan. | January |
| $K_m$ | Michaelis constant |
| kgf | kilogramme-force |
| LAI | leaf area index |
| lat. | latitude |
| lb | pound (weight) |
| lbf | pound-force |
| LD | lethal dose |
| LH | luteinizing hormone |
| long. | longitude |
| LVL | laminated veneer lumber |
| M | molar |
| m.a.i. | mean annual increment |
| Mar. | March |
| max. | maximum |
| mbar | millibar |
| m.c. | moisture content |
| MDF | medium density fibreboard |
| ME | metabolizable energy |
| min | minute (time) |
| min. | minimum |
| MMA | methyl methacrylate |
| MOE | modulus of elasticity |
| mol | mole |
| mol. | molecular |
| MOR | modulus of rupture |
| m.p. | melting point |
| MS | mass spectrometry |
| MW | molecular weight |
| *n* | haploid chromosome number |
| N | normal (concentration) |
| N. | north |
| NAA | naphthyl acetic acid |
| NAD | nicotinamide adenine dinucleotide |
| NADH | nicotinamide adenine dinucleotide (reduced form) |
| NADP | nicotinamide adenine dinucleotide phosphate |
| NADPH | nicotinamide adenine dinucleotide phosphate (reduced form) |
| NAR | net assimilation rate |
| NDF | neutral detergent fibre |
| NE | north-east |
| NFE | nitrogen-free extract |
| NMR | nuclear magnetic resonance |

| | |
|---|---|
| Nov. | November |
| n.s.d. | no significant difference; not significantly different |
| NW | north-west |
| o.b. | over bark |
| Oct. | October |
| OECD | Organization for Economic Cooperation and Development |
| OM | organic matter |
| opt. | optimum |
| OSB | oriented structural board; oriented strandboard |
| oz | ounce |
| P | parental generation |
| *P* | probability |
| p.a. | per annum |
| PAGE | polyacrylamide gel electrophoresis |
| p.a.i. | periodic annual increment |
| PAL | phenylalanine ammonia lyase |
| PAR | photosynthetically active radiation |
| PCP | pentachlorophenol |
| PEG | polyethylene glycol |
| PEP | phosphoenol pyruvate |
| PF | phenol formaldehyde |
| Pfr | phytochrome, far-red form |
| PG | prostaglandin(s) |
| pH | hydrogen ion concentration |
| PMB | pregnant mare blood |
| PMC | pollen mother cell |
| PMS | pregnant mare serum |
| post-em. | post-emergence |
| p.p.m. | parts per million |
| pre-em. | pre-emergence |
| PSI, PSII | photosystem I, photosystem II |
| p.t.o. | power take-off |
| PVC | poly(vinyl chloride) |
| *r* | coefficient of correlation |
| R | röntgen |
| *R* | coefficient of multiple correlation |
| rad | radiation absorbed dose (not radian, which is given in full) |
| rbc | red blood cells |
| resp. | respectively |
| rev. | revolution(s) |
| RF | resorcinol formaldehyde |
| RGR | relative growth rate |
| RH | relative humidity |
| RNA | ribonucleic acid |
| r.p.m. | revolutions per minute |
| S. | south |
| SAR | sodium absorption ratio |
| SCA | specific combining ability |
| s.d. | standard deviation |
| SDS | sodium dodecyl sulphate |
| SE | south-east |
| s.e. | standard error |
| SEM | scanning electron microsope |
| Sep. | September |
| s.l. | in a broad sense |
| SNF | solids-not-fat |
| sol. | solution(s) |
| sp., spp. | species (s. and pl.) |
| sp. nov. | *species nova* (new species) |
| s.s. | in a narrow sense |
| SSP | soluble sodium percentage |
| str. | strain |
| subf., subff. | *subforma* (subform) (s. and pl.) |
| subsp., subspp. | subspecies (s. and pl.) |
| subvar., subvars. | *subvarietas* (subvariety)(s. and pl.) |
| SW | south-west |
| syn. | synonym |
| t | tonne (not ton) |
| TCA | trichloroacetic acid |
| TDN | total digestible nutrients |
| TEM | transmission electron microscope |
| temp. | temperature(s) |
| t. & g. | tongued and grooved |
| TG | thermogravimetry |
| TLC | thin-layer chromatography |
| TMV | tobacco mosaic virus |
| TSS | total soluble solids |
| u.b. | under bark |
| UF | urea formaldehyde |
| UHF | ultra high frequency |
| UHT | ultra high temperature |
| ULV | ultra low volume |
| UNDP | United Nations Development Programme |
| USDA | United States Department of Agriculture |
| UV | ultraviolet |
| var., vars. | *varietas* (variety) (s. and pl.) |
| VFA | volatile fatty acid |
| VHF | very high frequency |
| viz. | namely |
| vol. | volume |
| vs. | versus |
| v/v | volume/volume |
| v/w | volume/weight |
| W. | west |
| wk | week |
| w.p. | wettable powder |
| wt. | weight |
| w/v | weight/volume |
| w/w | weight/weight |
| yr | year |
| 3P | probability proportional to prediction |
| $\sigma$ | standard deviation of a population |
| $^\circ$ | degree (angle) |
| $'$ | minute (angle) |
| $''$ | second (angle) |
| $\parallel$ | parallel |
| $\perp$ | perpendicular |

**4. Vernacular names.** The vernacular names listed below may be used in abstracts instead of the Latin ones. Indexing is by Latin names.

| | |
|---|---|
| acacia | *Acacia* (see also black wattle) |
| alder | *Alnus* |
| ash | *Fraxinus* (generally *F. excelsior* unless otherwise indicated) |
| Austrian pine | *Pinus nigra* (also Corsican pine) |
| balsa | *Ochroma pyramidale* |
| balsam fir | *Abies balsamea* |
| bamboo | Bambuseae |
| basswood | (see linden) |
| beech | *Fagus* (generally *F. sylvatica* unless otherwise indicated) |
| birch | *Betula* (*B. alba* is used for undifferentiated *B. pendula* and *B. pubescens*) |
| black spruce | *Picea mariana* |
| black walnut | *Juglans nigra* |
| black wattle | *Acacia mearnsii* |
| broadleaf | Angiospermae (tree; see also hardwood) |
| cashew | *Anacardium occidentale* |
| chir | *Pinus roxburghii* |
| coconut | *Cocos nucifera* |
| conifer | Coniferae (see also softwood) |
| Corsican pine | *Pinus nigra* (also Austrian pine) |
| deodar | *Cedrus deodara* |
| dipterocarp | Dipterocarpaceae |
| Douglas fir | *Pseudotsuga menziesii* |
| eastern hemlock | *Tsuga canadensis* |
| eastern white pine | *Pinus strobus* (also Weymouth pine) |
| elm | *Ulmus* |
| Engelmann spruce | *Picea engelmannii* |
| eucalypt | *Eucalyptus* |
| fig | *Ficus* |
| fir | *Abies* (see also Douglas fir) |
| hardwood | Angiospermae (timber; see also broadleaf) |
| hazel | *Corylus avellana* |
| hem–fir | *Tsuga* + *Abies* (lumber) |
| hemlock | (see eastern, western hemlock) |
| hickory | *Carya* |
| hinoki | *Chamaecyparis obtusa* |
| holly | *Ilex* |
| hoop pine | *Araucaria cunninghamii* |
| hornbeam | *Carpinus betulus* |
| jack pine | *Pinus banksiana* |
| juniper | *Juniperus* |
| kauri | *Agathis* (*A. australis* in New Zealand) |
| larch | *Larix* (see also tamarack) |
| linden | *Tilia* (also referred to elsewhere as 'lime' and 'basswood') |
| loblolly pine | *Pinus taeda* (see also southern pine) |
| lodgepole pine | *Pinus contorta* |
| longleaf pine | *Pinus palustris* (see also southern pine) |
| mango | *Mangifera indica* |
| maple | *Acer* |
| maritime pine | *Pinus pinaster* |
| mulberry | *Morus* |
| neem | *Azadirachta indica* |
| Norway spruce | *Picea abies* |
| oak | *Quercus* (*Q. robur* is used for undifferentiated *Q. robur* and *Q. petraea*) |
| palm | Palmae |
| Parana pine | *Araucaria augustifolia* |
| pine | *Pinus* (see also hoop pine, Parana pine) |
| ponderosa pine | *Pinus ponderosa* |
| poplar | *Populus* (see also yellow poplar) |
| radiata pine | *Pinus radiata* (also referred to elsewhere as 'Monterey pine') |
| rattan | *Calamus* and/or *Daemonorops* (mainly) |
| red oak | *Quercus rubra* (northern red oak of the USA) |
| robinia | *Robinia pseudoacacia* (also referred to elsewhere as 'false acacia','locust' etc.) |
| rubber | *Hevea brasiliensis* (unless otherwise indicated) |
| sal | *Shorea robusta* |
| sandalwood | *Santalum album* |
| Scots pine | *Pinus sylvestris* |
| shortleaf pine | *Pinus echinata* (see also southern pine) |
| silver fir | *Abies alba* |
| Sitka spruce | *Picea sitchensis* |
| slash pine | *Pinus elliottii* (see also southern pine) |
| softwood | Gymnospermae (timber; see also conifer) |
| southern pine | *Pinus echinata, P. elliottii, P. palustris* and *P. taeda* (indexed as *P.* 'Southern') |
| spruce | *Picea* |
| sugar maple | *Acer saccharum* |
| sugi | *Cryptomeria japonica* |
| sweetgum | *Liquidambar styraciflua* |
| tamarack | *Larix laricina* |
| teak | *Tectona grandis* |
| walnut | *Juglans regia* (see also black walnut) |
| Weymouth pine | *Pinus strobus* (also eastern white pine) |
| white oak | *Quercus alba* |
| white spruce | *Picea glauca* |
| western hemlock | *Tsuga heterophylla* |
| willow | *Salix* |
| yellow poplar | *Liriodendron tulipifera* (also referred to as 'tulip tree') |
| yew | *Taxus baccata* (other species by Latin names) |

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# ERRATA

(Lines are counted from the beginning of the bibliographic data in each item)

**Volume 51**

| *Page* | *Abstract* | *Line* | |
|---|---|---|---|
| 28 | 244 | 1 | For 'BREEMAN' read 'BREEMEN' |
| 28 | 245 | 1 | For 'BREEMAN' read 'BREEMEN' |
| 41 | 394 | 1 | For 'MICHAELSON' read 'MICHAELSEN' |
| 66 | 589 | 1 | For 'PARTHASARANTHI' read 'PARTHASARATHI' |
| 83 | 774 | 1 | For 'TRINIDADE' read 'TRINDADE' |
| 100 | 944 | 1 | For 'VAN DEN' read 'VAN DER' |
| 103 | 979 | 1 | For 'PIGGOTT' read 'PIGOTT' |
| 142 | 1316 | 2 | For 'YAMASITA' read 'YAMASHITA' |
| 160 | 1507 | 1 | For 'NAGEM, N.J.' read 'NAGEM, T.J.' |
| 178 | 1706 | 1 | For 'GREGERSON' read 'GREGERSEN' |
| 181 | 1733 | 2 | For 'DEVARNAVADGI' read 'DEVARANAVADAGI' |
| 246 | 2278 | 1 | For 'PRATIUI ' read 'PRATIWI' |
| 252 | 2328 | 1 | For 'HAMRICK' read 'HAMRICK, J.L.' |
| 346 | 3150 | 1 | For 'LÖFQUIST' read 'LÖFQVIST' |
| 357 | 3229 | 1 | For 'BISMARCK' read 'BISMARK' |
| 418 | 3721 | 1 | For 'TANTISEINE' read 'TANTISEWIE' |
| 459 | 4013 | 23 | For '*Duchhardt*' read '*Duchhart*' |
| 493 | 4323 | 1 | For 'DUJESIEKEN' read 'DUJESIEFKEN' |
| 496 | 4352 | 2 | For 'BUSSOTI' read 'BUSSOTTI' |
| 540 | 4704 | 1 | For 'VASITHA' read 'VASISTHA' |
| 569 | 4945 | 1 | For 'KIMBERLY' read 'KIMBERLEY' |
| 679 | 5832 | 1 | For 'WERF' read 'WERFF' |
| 846 | 7193 | 1 | For 'SEN-SARNA' read 'SEN-SARMA' |
| 865 | 7342 | 1 | For 'SANDORD' read 'SANFORD' |
| 881 | 7438 | 1 | For 'SYNOTT' read 'SYNNOTT' |
| 948 | 8034 | 1 | For 'JARJEES' read 'JARJES' |

# Forestry Abstracts

## Contents Volume 51


| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **General publications and general techniques** | 5 | 65 | 125 | 195 | 285 | 365 | 459 | 527 | 635 | 715 | 787 | 875 |
| **General aspects of forestry** | 7 | 67 | 128 | 199 | 287 | 369 | 462 | 534 | 639 | 718 | 790 | 879 |
| General. Biographies | 7 | – | 128 | – | 287 | – | 462 | – | 639 | 718 | – | – |
| Forestry – national, regional, or international. Forest history | 7 | 67 | 128 | 199 | 287 | 369 | 462 | 534 | 639 | 718 | 790 | 879 |
| Legislation | 8 | 68 | – | 200 | 287 | – | 463 | 536 | 640 | 719 | 791 | 882 |
| Taxation. Subsidies, loans, etc. | 8 | 68 | 129 | – | 287 | 371 | 464 | 536 | 640 | 719 | 791 | 882 |
| Insurance | – | – | 129 | – | – | – | – | – | – | – | – | – |
| Education, training and research. Information services | 8 | 68 | – | 200 | 287 | 371 | 464 | 536 | 641 | 719 | 791 | 882 |
| Organizations and publicity | 8 | 68 | 129 | – | – | 372 | 464 | 537 | 642 | 719 | 792 | 882 |
| Labour considerations. Safety. Work study | 8 | 68 | 129 | 200 | 288 | 372 | 464 | 537 | 642 | 719 | 792 | 883 |
| Forests as a source of energy | 9 | 68 | 130 | 200 | 288 | 372 | 465 | 537 | 642 | 719 | 792 | 883 |
| **Silviculture** | 9 | 68 | 130 | 201 | 289 | 373 | 465 | 538 | 642 | 719 | 792 | 883 |
| Choice of species. Trials of species, provenances etc. | 9 | 68 | 130 | 201 | 289 | 373 | 465 | 538 | 643 | 719 | 792 | 883 |
| Seed (for propagation) | 9 | 70 | 132 | 202 | 290 | 375 | 465 | 539 | 645 | 722 | 794 | 885 |
| Vegetative propagation. Tissue culture | 11 | 71 | 134 | 206 | 291 | 377 | 467 | 542 | 646 | 724 | 797 | 888 |
| Use of fertilizers | 13 | 72 | 135 | 209 | 292 | 379 | 468 | 546 | 647 | 726 | 798 | 890 |
| Nursery practice | 13 | 73 | 136 | 211 | 292 | 381 | 469 | 547 | 648 | 727 | 799 | 891 |
| Establishment and tending of stands | 15 | 73 | 137 | 212 | 294 | 382 | 470 | 548 | 649 | 729 | 800 | 891 |
| Silviculture by species and species group | 19 | 77 | 141 | 218 | 297 | 388 | 475 | 553 | 654 | 733 | 805 | 896 |
| Machinery | 20 | 77 | 141 | 218 | 298 | 389 | 476 | 554 | 655 | 734 | 805 | 898 |
| Growing and collection of forest products other than wood | 20 | 77 | 142 | 218 | 298 | 389 | 476 | 554 | 655 | 735 | 806 | 898 |
| **Forest mensuration and management** | 21 | 79 | 143 | 220 | 300 | 391 | 477 | 556 | 657 | 736 | 808 | 900 |
| Systems and units of measurement | – | – | – | – | – | – | 477 | 556 | 657 | 736 | 808 | – |
| Measurements of trees, stands and round timber | 21 | 79 | 143 | 220 | 300 | 391 | 477 | 556 | 657 | 736 | 808 | 900 |
| Growth, increment. Biomass | 22 | 80 | 144 | 221 | 300 | 398 | 478 | 558 | 657 | 737 | 809 | 902 |
| Management plans and planning | 24 | 82 | 146 | 223 | 302 | 396 | 480 | 560 | 660 | 738 | 811 | 903 |
| Inventory, including sampling methods | 25 | 82 | 146 | 223 | 303 | 397 | 481 | 561 | 661 | 739 | 812 | 904 |
| Surveying and mapping. Remote sensing | 25 | 83 | 147 | 224 | 303 | 398 | 482 | 561 | 661 | 740 | 812 | 906 |
| Business economics of forestry | 25 | 83 | 147 | 225 | 303 | 399 | 482 | 562 | 662 | 740 | 813 | 906 |
| Administration of forest enterprises | – | – | 148 | 225 | 305 | – | 483 | – | – | 741 | 813 | 906 |
| **Physical environment** | 26 | 83 | 148 | 225 | 305 | 400 | 483 | 563 | 663 | 741 | 814 | 906 |
| Climate, and atmospheric influences | 26 | 84 | 148 | 225 | 305 | 400 | 483 | 563 | 663 | 741 | 814 | 906 |
| Land form. Slope. Aspect. Altitude | 27 | 85 | – | 226 | 306 | 401 | 485 | 565 | 664 | 742 | – | 908 |
| Soil | 27 | 85 | 149 | 226 | 307 | 401 | 485 | 565 | 664 | 742 | 814 | 908 |
| Plant water relations | 29 | 88 | 151 | 229 | 310 | 404 | 487 | 567 | 666 | 743 | 817 | 912 |
| Plant nutrient relations | 29 | 88 | 151 | 230 | 310 | 405 | 487 | 568 | 667 | 744 | 819 | 913 |
| Pollution. Damage by man | 30 | 89 | 152 | 232 | 312 | 406 | 488 | 570 | 668 | 746 | 819 | 915 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Effect of various growth factors on wood properties | 31 | 92 | 153 | 236 | 314 | 411 | 489 | 574 | 670 | 747 | 822 | 920 |
| Influence of forest on the physical environment | 32 | 93 | 154 | 236 | 315 | 412 | 490 | 574 | 670 | 748 | 822 | 920 |
| **Fire** | 33 | 94 | 155 | 237 | 316 | 413 | 491 | 575 | 671 | 748 | 823 | 921 |
| Predisposing factors and causes. Fire-danger rating | 33 | 94 | 155 | – | – | – | 491 | 575 | 671 | – | 823 | – |
| Prevention and control | 33 | 94 | 155 | 327 | 316 | 413 | 492 | 575 | 671 | 749 | 823 | 922 |
| Effects of fire | 34 | 94 | 155 | 238 | 317 | 413 | 492 | 576 | 672 | 749 | 823 | 922 |
| **Plant biology** | 34 | 95 | 155 | 238 | 317 | 414 | 492 | 576 | 672 | 749 | 824 | 922 |
| Silvicultural characters. Habit. Phenology | 34 | 95 | 156 | 238 | 317 | 414 | 492 | 577 | 672 | 749 | 824 | 922 |
| Anatomy, morphology, development, embryology | 34 | 95 | 156 | 239 | 317 | 415 | 493 | 578 | 673 | 750 | 824 | 924 |
| Chemistry | 37 | 96 | 159 | 241 | 319 | 416 | 493 | 581 | 674 | 752 | 826 | 926 |
| Physiology, biochemistry | 38 | 97 | 163 | 243 | 323 | 420 | 495 | 584 | 675 | 753 | 829 | 929 |
| Reproductive behaviour. Dispersal | 39 | 99 | 165 | 245 | 326 | 423 | 496 | 589 | 677 | 755 | 831 | 932 |
| Taxonomy, nomenclature. Herbaria | 40 | 100 | 165 | 246 | 326 | 424 | 497 | 591 | 679 | 757 | 832 | 933 |
| Floras, checklists | 41 | 101 | 166 | 246 | 327 | 424 | 498 | 593 | 679 | 758 | 833 | 934 |
| Plant ecology | 42 | 101 | 166 | 246 | 327 | 425 | 498 | 593 | 679 | 758 | 833 | 934 |
| **Genetics and breeding. Variation. Evolution** | 44 | 107 | 167 | 252 | 331 | 429 | 502 | 601 | 682 | 761 | 836 | 939 |
| **Mycology and Pathology** | 46 | 109 | 169 | 256 | 333 | 432 | 504 | 604 | 683 | 763 | 838 | 942 |
| Fungal ecology | 46 | 109 | 169 | 256 | 333 | 432 | 504 | 604 | 683 | 763 | 838 | – |
| Mycorrhiza and other (fungal, bacterial etc.) symbioses | 46 | 109 | 169 | 257 | 333 | 432 | 504 | 604 | 683 | 764 | 838 | 942 |
| Fungal diseases | 48 | 110 | 170 | 259 | 334 | 434 | 505 | 606 | 686 | 764 | 840 | 943 |
| Bacteria | 50 | – | 172 | 261 | – | 436 | 507 | 610 | 688 | – | 843 | 946 |
| Viruses, mycoplasmas etc. | 51 | 111 | – | – | 335 | 436 | 507 | 610 | 688 | 765 | 843 | 946 |
| Protection and control | 51 | 111 | 172 | 261 | 335 | 437 | 507 | 610 | 688 | 765 | 843 | 946 |
| Miscellaneous, including mistletoe | 51 | 111 | 172 | 262 | 335 | 437 | 508 | 611 | 689 | 765 | 844 | – |
| **Insects and other invertebrates** | 51 | 111 | 172 | 262 | 336 | 437 | 508 | 611 | 689 | 766 | 844 | 946 |
| Invertebrate ecology | – | 111 | 172 | 262 | 336 | 437 | 508 | 611 | 689 | 766 | 844 | 946 |
| Insects | 51 | 111 | 172 | 262 | 336 | 438 | 508 | 611 | 689 | 766 | 845 | 946 |
| Mites | – | – | – | – | 343 | 441 | 513 | – | 695 | 772 | 853 | – |
| Nematodes | 52 | 112 | 175 | 266 | 343 | 442 | 513 | 614 | – | 772 | 853 | 952 |
| Other invertebrates | – | – | – | – | 344 | – | – | – | – | – | 853 | 952 |
| Protection and control | 53 | 113 | 175 | 267 | 344 | 442 | 513 | 614 | 695 | 772 | 853 | 952 |
| **Range** | 54 | 113 | 176 | 269 | 347 | 443 | 515 | 615 | 697 | 774 | 856 | 954 |
| **Game and wildlife** | 55 | 113 | 177 | 269 | 347 | 443 | 515 | 615 | 698 | 774 | 857 | 955 |
| **Fish** | 56 | 115 | – | 271 | – | 444 | – | 619 | 700 | – | – | – |

**Protection forests.**
**Watershed/catchment management.**
**Soil conservation** ..... 56 115 177 271 348 444 516 619 700 775 858 956
Watershed/catchment management.
Water conservation. Hydrology ..... 56 115 177 271 348 444 517 620 700 776 858 957
Soil conservation and erosion. Avalanches .... 57 116 178 272 348 445 517 620 700 776 860 957
Shelterbelts. Hedges ..... 57 116 178 272 349 445 517 620 701 776 860 958
Revegetation and reclamation ..... 57 116 178 274 349 446 517 620 701 777 860 958

**Other land use. Nature conservation.**
**Arboriculture** ..... 57 117 180 274 349 446 517 620 702 777 861 958
Land-use and land-use policy and planning.
Agroforestry ..... 57 117 180 274 349 446 517 620 702 777 861 958
Nature conservation ..... 59 118 188 278 356 453 520 627 709 779 866 964
Recreation, tourism, and rural amenity ..... 59 119 188 278 357 453 521 627 709 779 866 965
Arboriculture, urban amenity ..... 59 119 189 279 358 453 521 627 709 780 867 965

**Dendrochronology and dendroclimatology** 60 119 190 279 – – 521 628 709 781 – 965

AUTHOR INDEX ..... 967
SUBJECT INDEX ..... 1005

List of source journals ..... i

# AUTHOR INDEX


Aaby, B. 974
Aarnio, T. 2795
Aas, G. 1631
Abadía, A. 3276
Abadía, J. 3276
Abayomi, J. O. 7652
Abazović, D. 2684
Abbiw, D. K. 7386
Abd el Nour, H. 1299
Abdel Magid Belabed 920
Abdelguerfi, A. 2706
Abdelguerfi-Berrekia, R. 2706
Abdi, A. W. 2622
Abdul Malik 5053
Abdul Rahim, N. 8130
Abdulla, el T. A. 3318
Abdullah, A. A. 3378
Abdullah, M. O. 7512-7513
Abdullah, Y. S. 7512-7513, 7559
Abe, F. 7867
Abe, T. 1104
Abedini, W. I. 1247
Abegaz, B. 7019
Abegg, B. 2752
Abel, N. 7395
Aber, J. D. 837, 2797, 3640, 6920
Abeyratne, F. 2535
Abido, M. S. 262
Abohassan, A. A. 3646
Abrahamson, L. P. 502, 6204
Abramowski, Z. 7020
Abrams, M. D. 987, 4936, 4940, 6480
Abrams, M. M. 6368
Abreli, D. B. 7097
Abrol, I. P. 1751, 1769, 3956, 6017, 6028, 8159
Absher, J. D. 6088
Abt, R. C. 5496
Abudamir, H. 4707
Abukar, R. S. A. 6262
Abuzinadah, R. A. 821-822
Acar, İ. 5626
Accardi, A. 3978
Accordi, S. M. 8007
Acebes, J. L. 7000
Acero Duarte, L. E. 7132
Achari, B. 2901
Acharya, S. N. 7061
Achenbach, H. 5050, 5059
Acholonu, A. D. W. 6522
Achterberg, W. 4299
Ackerley, C. A. 5261
Ackerly, D. D. 7924
Acock, B. 4033
Acocks, J. P. H. 2567
Adamczyk, B. 7810
Adámek, I. 7637
Adamou, A. 5180
Adams, D. H. 1635
Adams, J. M. 2997
Adams, M. A. 3583, 4261, 7697
Adams, N. 3248
Adams, P. W. 4604
Adams, R. 7071
Adams, R. P. 1553
Adams, W. M. 4399
Adams, W. S. 4646
Adams, W. T. 6491
Adamson, D. 873
Adamson, J. K. 3272
Addae-Mensah, I. 5050
Addison, P. A. 274, 1599
Adeel Ahmed 2150
Adejuwon, J. O. 2791
Adema, E. H. 5739, 6358
Adeola, A. O. 636
Aderkas, P. von 1914, 1933
Adesina, S. K. 2898
Adhikari, M. K. 5814, 5891
Adis, J. 3656
Adityachaudhury, N. 7847
Adkins, R. van C. 6051
Adlard, P. G. 6683
Adlung, K. G. 3136, 3142
Aeberli, B. C. 128
Affeltranger, C. E. 2420
Affolter, F. 7456
Afolabi, O. A. 6411
Afrin, M. I. 6979
Afzalur Rahman 1782
Agee, J. K. 7093
Ager, A. 7978
Agnihotri, V. K. 350
Agounké, D. 7254
Agpaoa, A. C. 254
Agrawal, A. 5046
Agrawal, D. C. 827, 2835
Agrawal, P. K. 3692
Agrawal, S. P. 4816
Aguda, R. M. 5979
Aguiar, I. B. de 662
Aguiar, L. F. de 6934
Aguilar, A. M. 3105
Aguilar R., A. 8153
Aguirre, J. F. 6511
Aguirre A., S. 1329
Ahern, F. J. 772
Ahmad, V. U. 6407, 7028, 7879
Ahmad, Z. 2157
Ahmad-Shah, A. 2490
Ahmed, A. M. 3158
Ahmed, D. 6405
Ahmed, K. A. 5021
Ahmed, M. 572
Ahmed, S. S. 2197
Ahmed, Z. 2082
Ahn, C. Y. 640-641, 1030
Ahn, J. H. 7595
Ahn, J. K. 331
Ahuja, A. 1492
Ahuja, M. R. 2325
Ai, C. X. 5507
Aigner, H. 4808
Aihara, H. 1632
Aiken, R. A. 6065
Ainsworth, P. 6983
Ainuddin, N. A. 773
Aitken-Christie, J. 1928
Aizen, M. A. 7901
Ajibade, G. A. 7884
Ajmal, S. 2215
Akachuku, A. E. 316
Akai, K. 3546
Akai, T. 418, 511, 515, 568, 2009, 7562
Akamatsu, Y. 320
Akanbi, M. O. 7196
Akasi, T. 437, 2334
Akazawa, T. 2953
Akerley, C. 3638
Akgül, E. 5698
Akhmed'yanov, S. A. 6392
Akkasaeng, R. 7467
Akkermans, A. D. L. 1830
Akunda, E. 1781
Akutsu, H. 7422
Al-Ashoo, J. 7512-7513
Al' Dzhabavi Ziyad 7435
Al-Hialy, A. S. A 7826
Al-Jabawi, Z. 7435
Al-Kinany, I. A. 7511, 7514
Al-Kittani, M. M. 7917, 7948
Al-Mallah, N. M. 6535
Al-Maroof, I. N. 8034
Al-Yahya, M. A. 901
Ala-Ilomäki, J. 4796
Alaback, P. B. 5219
Alam, M. 5052
Alam, M. A. 5831
Alam, M. K. 386, 5818
Alam, S. M. 5224
Alang, Z. C. 6159
Alauzet, C. 3908
Alazard, P. 6129
Alban, C. 2939, 4347
Albán, J. 7601
Alberdi, M. 1391-1392, 2786
Albersheim, P. 5071
Albert, R. 3711
Albino, J. C. 2853
Albrecht, J. 2613, 2779, 7148
Albrecht, L. 7450
Albuquerque, M. O. 3656
Alcock, M. B. 6054
Alcorn, J. B. 5453, 7328
Alcubilla, M. M. 1640
Aldon, E. F. 7935
Aleksakhin, R. M. 2140
Aleksiev, G. 2167
Alemayehu Mengistu 4822
Alexander, B. G., Jr. 5846
Alexander, D. 2024
Alexander, G. 6829
Alexander, L. 4869
Alexander, M. E. 4991
Alexander, M. J. 7316-7317
Alexander, R. R. 986, 993-994, 1222, 5567, 5843-5844, 5849, 6819
Alexander, T. G. 3533, 4665
Alexandre, C. A. 4777
Alexandrov, G. A. 3004
Alexe, A. 5707
Alfaro, L. G. J. 227, 741
Alfaro, R. I. 1651, 1828, 3094-3095, 4494, 6090, 6554, 6561
Alfenas, A. 4449
Alfenas, A. C. 3882
Alferi, L. 3642
Ali, A. D. 3922, 6578
Ali, A. E. 4882
Ali, A. E. S. 4882
Ali, A. R. 4304
Ali, B. H. 3735
Ali, H. M. 6266
Ali, H. Y. 7559
Ali, M. I. A. 7204
Ali, M. I. M. 3861
Ali, N. A. 7130
Ali, O. M. 1299
Ali, S. 6427
Ali, S. I. 2969
Ali, T. 2969
Alibert, G. 921-922, 2964
Alig, R. J. 20
Alikodra, H. S. 2554
Allan, G. E. 5209
Allard, R. W. 1618, 5856
Allaway, C. A. 7137
Allaway, W. G. 2381, 7131, 7140
Allegro, G. 5313
Allen, B. H. 5848, 7282
Allen, D. C. 502, 7203
Allen, E. A. 487, 5277
Allen, H. L. 1939, 2200, 2849, 4527
Allen, J. A. 7326
Allen, P. L. 5559
Allen, R. B. 3452, 4712
Allen, W. K. 7140
Alles, D. L. 1619
Allgemeine Forstzeitschrift 4049, 4166, 4894, 6104, 7427, 7449, 7452, 7573
Alli, I. 2908, 7835
Alliende, M. C. 4376, 4461
Allison, H. 5427
Alm, A. A. 706, 1984, 1999, 3475, 6214
Almeda, F. 5151
Almeida, A. A. de 3084
Almeida, E. C. de 946
Aloalii, I. 5932
Alok Khare 7680
Alonso, R. M. 7849, 7997, 8009, 8013
Alosi, M. C. 5078
Alper, E. 3337
Alpízar, L. 3972, 3982
Alrasjid, H. 112, 1124, 3331, 3423, 7728
Alscher, R. G. 3627-3628
Alstrup, V. 3006
Alt, H. G. 2098
Altenkirch, W. 1662
Althen, F. W. von 100, 1982
Altieri, M. 4550
Altieri, M. A. 1756
Altman, P. M. 7602
Alvarenga, S. 3360
Alvarez, M. 6729, 7525
Alvarez, R. 6326
Alvarez-Buylla Roces, M. E. 3203
Alvarez-Manzaneda R., E. J. 5060
Alverson, W. S. 2274, 4626, 5159
Alves, A. de P. 1063
Alvi, K. A. 904
Alvim, R. 3964
Alvin, K. L. 163
Aly, Y. 3724
Amakiri, M. A. 86
Amalraj, V. A. 108
Amaral, H. R. B. do 3329
Amaranthus, M. P. 5259
Amarjeet Kaur 6763
Amata-Archachai, P. 1892, 1894
Amateis, R. L. 7419
Amatobi, C. I. 2857
Amatya, S. M. 51
Ambacher, A. H. 219-220, 6894-6896
Ambasht, R. S. 1746
Ambros, Z. 5648
Ambrose, J. D. 4342
Amerson, H. V. 1916
Amézquita, M. C. 4821
Aminah, A. 5389
Amirault, P. A. 7209
Amit Basak 7866
Amitabha Ghosh 1562
Amman, G. D. 7402, 8081
Ammann, B. 976
Ammar, N. 5043
Ammer, U. 2816, 7428
Ammerlaan, A. 2950
Amorini, E. 663
Ampofo, S. A. 1500, 1504
Amrhein, P. J. 3178
Amtmann, R. 788
Amundson, R. G. 3628, 4304
An, J. M. 7612
Anamthawat-Jónsson, K. 7980
Anan'ev, P. P. 7771
Ananthapadmanabha, H. S. 1905, 2137
Anazawa, T. 6297, 7646
Ancora, G. 1910
Anderbrant, O. 7223
Anders, B. 2746
Andersen, A. N. 2971, 3065
Andersen, C. P. 2522
Andersen, D. C. 3112
Andersen, Ø. M. 2918
Andersen, R. J. 1494
Andersen, S. T. 978
Anderson, A. B. 2691, 6833
Anderson, C. J. 3580
Anderson, D. 4891
Anderson, D. H. 6641
Anderson, D. M. W. 5624
Anderson, E. R. 1688
Anderson, G. W. 7347
Anderson, J. 5951
Anderson, L. E. 6947

Anderson, M. A. 1361
Anderson, N. 1450
Anderson, P. M. 2996
Anderson, R. L. 7142, 7158, 7165
Anderson, S. H. 5362
Anderson, T. D. 5756
Anderson, W. C. 1385, 5504, 7234
Andersson, J. 3551
Andersson, S. 7770
Ando, J. 2236-2237
Ando, M. 113, 144, 169, 7630
André, J. C. 5700
André, P. 695
Andrei, C. C. 2936
Andreĭchik, M. F. 7434
Andresen, J. W. 4564, 4670
Andreux, F. 7786
Andrew, T. L. 6917
Andrews, P. L. 7787
Andrews, S. 1582, 3788
Andriantsiferana, M. 3733
Andriesse, W. 1375
Andryszak, N. A. 3106
Andrzejczyk, A. 6905
Andrzejczyk, T. 7900
Angadi, V. G. 2136, 2138, 2259
Angeles, M. S. de los 6026
Angeles Castro, M. 2924
Angell, R. F. 4834
Anghinoni, I. 2366
Anil, H. 2934
Aniol, R. W. 4575
Anjaneyulu, A. S. R. 1506
Anjaneyulu, V. 7008
Anjos, N. dos 1063
Anlauf, R. 3584
Annels, A. 3811
Ansani, C. V. 1059
Ansari, R. 2253
Ansari, W. H. 352
Ansley, R. J. 7551-7552
Antal, M. 7043
Antipov, V. G. 7740
Antola, A. 4142
Anton, R. 3725
Antonio, T. M. 1497
Antos, J. A. 1004
Antropoli, A. 3140
Anuradha, S. M. J. 5141, 5149
Anuradha Mukherji 882
Anwar, C. 2306, 3588, 3659, 3807-3808
Aoki, A. 340, 7704
Aoki, H. 3509
Apedaile, L. P. 4650
Apeji, S. A. 2857
Apel, K. H. 6569, 6581
Apel, P. 849
Apigo, R. S. 3351
Aplet, G. H. 4389
Appanah, S. 7383
Appleby, C. A. 1569
Applegate, G. B. 1762
April, R. 3599
Apsit, V. J. 932
Apud, E. 1196
Aquino, R. 7024
Aquino Neto, F. R. de 2922
Ara, I. 5044, 5049
Aragami, K. 1334, 1596, 1600, 4300, 6215, 6237, 7926
Araki, M. 294
Aranguren, J. 3978
Araújo, A. C. 3964
Araújo, C. F. de 2225
Araújo, M. C. 4128
Araújo, M. do C. M. de 3704
Araujo, P. 8112
Araya, G. A. de 3104
Araya Sanchez, J. F. 3997
Arbatowski, S. 6902
Arbaugh, M. J. 2151, 8183
Arbesmeier, H. 8182
Arbour, S. J. 1990
Archer, S. 6785
Arcova, F. C. S. 3608
Arigayo, S. 3708
Ariki, S. 1126-1127, 3214
Arisawa, M. 3696, 7031
Arisman, H. 1895
Arizmendi, M. A. 3319
Armesto, J. J. 376
Armleder, H. M. 542
Armstrong, G. 3416
Armstrong, G. W. 6019
Arno, S. F. 5463, 5768, 5773, 7958
Arnold, H. U. 1191
Arnold, J. E. M. 3960, 8136
Arnold, L. M. 5093
Arnold, M. 289, 1437
Arnold, M. A. 2645-2646, 4111, 6643
Arnold, S. von 1255, 1911, 1920, 4726, 4737
Arnott, J. T. 12, 7889
Aronson, J. 7334
Arp, P. A. 195-196, 3638, 4900
Arshad, M. 5541
Arthaud, G. J. 2003
Arthur, M. A. 2123
Arthur, S. M. 1095
Aru, R. 4066
Arutyunyan, S. G. 2
Arya, S. R. 6143
Arzone, A. 6534
Asada, M. 4346
Ascerno, M. E. 4486, 6576
Asche, N. 2147, 4966
Aseeva, I. V. 2107
Asensio, A. 5075
Ash, A. N. 295
Ash, J. T. 6917
Asheervadam, Y. 2945
Ashenden, T. W. 1424
Ashford, A. E. 2381, 7137-7139
Ashiru, M. O. 6549
Ashley, M. D. 5455
Ashok Ahuja 1492
Ashraf, M. M. 3298
Ashton, P. S. 4581
Asres, K. 1514
Assini, J. L. 709, 711, 3508
Asyutin, P. F. 7701, 7713
Ata, C. 700, 1456, 3673
Atabay, R. 3350
Atabay, R. C. 3349
Atalay, A. 4745
Atehortúa Velásquez, L. M. 6130
Atienza H., J. 6507
Atkins, L. 4996
Atkinson, D. 5710
Atkinson, M. D. 884
Atmaja, J. 406
Atroshchenko, O. A. 7459
Atta-Krah, A. N. 1187, 3204, 4551, 5876, 6135, 6625, 7596
Atta-ur-Rahman 904, 5052, 6405, 7598
Attebring, J. 2738
Attiwill, P. M. 818, 2233, 3583, 6940, 7697
Attolini, M. R. 5445
Auchmoody, L. R. 1111
Auer, C. G. 1048
Augé, R. M. 5720
Augspurger, C. K. 4324
Auken, O. W. van 2776, 3016
Aumeeruddy, Y. 1607
Aussenac, G. 2005, 6768
Austad, I. 1139, 7084
Austin, M. P. 954, 2299, 2480
Australia, Australian Forest Development Institute 1819-1823
Australia, Queensland Department of Primary Industries 1722
Avcibasi, H. 2934
Avemark, W. 8180-8181
Avendaño, J. 7334
Avery, M. E. 1743, 5395
Avery, M. I. 4528, 7286
Ávila, A. 5730
Avis, A. M. 3948
Avramović, G. 3886
Awaleh, M. A. 6267
Ayafor, J. F. 2893, 3693, 7025
Ayala, G. 7597
Ayan, M. 6620
Ayanaba, A. 3482, 5866
Ayer, W. A. 6410
Ayphassorho, H. 7633
Ayres, J. M. 6063
Ayyappan, P. 4727
Ayyar, K. S. 5068-5069
Aziz, T. 5565, 5872
Azmi, A. R. 2253, 5224
Azniev, Yu. N. 7797
Azócar, A. 6337, 6526
Azra Sultana 7879
Azzena, M. 1248
Ba, A. M. 5882
Ba, D. 7012
Baader, E. J. 8048
Baar, M. de 4485
Baazov, D. I. 5800
Babar, K. N. 7338
Babbar, L. I. 4923
Babeley, G. S. 7490
Bab'eva, I. P. 7125
Babos, K. 847, 887, 894, 5862, 6071
Babu, A. M. 2251, 4818, 7819
Bachelard, E. P. 5798
Bacon, P. J. 1299
Bacone, J. A. 6976
Baconguis, S. R. 3660
Bada, S. O. 189, 2718, 2734
Badhwar, G. D. 4235
Badola, H. K. 5029
Badoni, A. K. 5029
Badrul Hasan 1761
Bae, W. I. 3097, 3130
Baganich, M. I. 7187
Bagchi, G. D. 2208
Bagchi, S. K. 5819
Bagh, K. 3607
Baghel, R. P. S. 6836
Bagley, W. T. 2510
Bagni, N. 4722
Bagnyuk, I. G. 5966
Bahadir, M. 7757
Bahadur, K. N. 5143
Bahagiawati, A. H. 3152, 8080
Bahl, R. K. 4687
Bahrman, N. 4417
Bahuguna, V. K. 1907, 4703, 4723, 5378, 5503, 6145
Bai, V. N. 2267
Baĭbakova, G. V. 5048
Baier, U. 1685
Baijnath, H. 2202
Baik, M. C. 4007
Bailey, A. W. 7284
Bailey, R. L. 761, 4202
Bailleul, F. 3707
Baimyradov, D. 2717
Bain, J. 6656
Baiocchi, C. 7918
Baitello, J. B. 3763
Bajpai, S. P. 7959
Bajracharya, M. K. 573
Baker, C. K. 2143
Baker, D. D. 1923, 1942
Baker, E. H. 2170
Baker, F. A. 5435
Baker, H. G. 7910
Baker, H. L. 39
Baker, I. 7910
Baker, R. 766
Baker, R. G. 7928
Baker, R. L. 5681
Baker, S. 1421
Baker, T. G. 4788
Baker, W. L. 4391, 4404
Bakke, A. 1673
Bakker, A. J. de 3629
Baksha, M. W. 5956
Balagopalan, M. 3533
Balandrin, M. F. 7032
Balasubramanyan, K. 892
Balasundaran, M. 3861
Baldan, B. 6402
Baldini, S. 4061, 6873
Baldocchi, D. D. 4899, 5701
Baldwin, V. C. 6628
Baldwin, V. C., Jr. 4846, 5668, 6870
Balfour, J. 7904
Balick, M. 7077
Balick, M. J. 1453
Ball, J. 1880
Ball, W. J. 102, 4775
Ballabh, V. 6062
Ballard, E. M. 5910
Ballard, R. 1939
Ballard, T. M. 823
Ballenberghe, V. van 1091
Ballester, A. 4725
Ballio, A. 2394
Ballment, E. R. 2270
Balmer, W. E. 1360
Balneaves, J. 4762, 7546
Balneaves, J. M. 6227, 7546
Balsberg-Påhlsson, A. M. 2159
Balsberg Påhlsson, A. M. 2809
Balslev, H. 942, 3782
Baltensweiler, W. 5936
Baltissen, G. A. M. 7785
Bałut, S. 2623
Balwinder Singh 7690
Balyavichene, Yu. 4002
Balyavichyus, K. 4002
Balza, F. 7020
Bam, M. 7876
Bambirra, E. A. 7838
Banaszak, R. 7266
Bancroft, R. 5105
Bandara, B. M. R. 7878
Bandara, J. M. R. S. 5886, 5905
Bandeira, A. de L. 227, 741
Bandyopadhyay, J. 4650
Banerjee, A. 2224
Banerjee, A. C. 1869, 5242
Banerjee, A. K. 2901
Banerjee, H. 7847
Banerjee, M. 865
Banerjee, S. K. 865, 1444-1445, 4914, 6128
Banerjee, S. P. 4929, 6716, 6971, 7674, 7689
Banerji, R. 2909
Bani Talapatra 7866
Banik, R. L. 5818
Bankar, G. J. 5537
Bankoti, T. N. S. 2302
Bankova, V. S. 2943
Banner, A. 3803
Bannister, P. 3753, 7174, 7883
Bano, N. 6407
Bano, S. 6407
Bansal, S. 2214
Banthorpe, D. V. 5093
Bao, X. C. 1344
Baradat, P. 5156
Baran, S. 2807
Baranchik, V. P. 7459
Baranec, T. 3778
Baratova, L. A. 5048
Barber, H. W., Jr. 6219
Barbero, A. 6317
Barbier, C. 7633
Barbier, E. B. 8126
Barbolani, E. 2848, 6946
Barbosa, P. 1811
Barbosa F., J. M. 1502
Bárbosa-Filho, J. M. 3732, 5057, 7868
Barbu, I. 5724, 5812
Barciok, H. 1172
Barclay, H. J. 141
Bardin, R. 2127, 2370, 2379
Bare, C. 2965
Barger, J. H. 5324
Barger, R. L. 4609, 4797, 5683
Barghigiani, C. 1566
Barick, F. 2761
Barik, B. R. 2931
Bariteau, M. 7533
Barker, J. R. 2622
Barker, P. A. 1800
Barklund, P. 3865

Barlow, A. R. 1181
Barnabas, A. D. 5247
Barnard, E. L. 7157
Barnard, G. 1841, 4591
Barnard, J. E. 5651
Barneby, R. C. 5153
Barnes, F. J. 5178
Barnes, J. D. 5744, 7750-7751
Barnes, W. J. 5368
Barnett, A. 6632
Barnett, J. P. 1884, 4026, 4251, 6628, 6754
Barnett, J. R. 1241
Barnett, L. C. 5155
Barney, D. L. 6677
Barney, R. J. 4315
Baron, W. A. 628
Baronio, P. 3140
Baronius, G. 7749
Barrance, A. 3311, 4433
Barrance, A. J. 3311, 3354, 4433
Barreira, M. G. 2532
Barrena, V. 7614
Barreras, L. 7621
Barrero, A. F. 5060, 5064
Barrett, J. 1032
Barrett, J. W. 5670
Barrett, R. H. 4526
Barrett, S. W. 5768
Barría, G. 1675
Barriga, L. 7547
Barrio, G. del 2088
Barrion, A. T. 5979
Barrion, R. 5979
Barriuso Benito, E. 4985
Barros, N. F. de 242, 790, 798, 811, 3596, 3610
Barros, R. S. 7886
Barrow, E. G. C. 3256
Barry, R. 6909
Barták, M. 895, 952, 2292, 6423
Bartarya, S. K. 7308
Bartel-Ortiz, L. M. 2102
Bartelheimer, P. 6309
Bartels, H. 2872
Bartels, J. 3110, 3115, 3911
Bartels, U. 5745
Barth, R. 6299
Bartha, D. 7793
Bartl, H. 1513
Bartlein, P. J. 2996, 3001
Bartlett, R. J. 3599
Bartlett, R. M. 3812
Bartling, P. N. S. 5990
Bartolome, J. W. 862
Barton, A. M. 4902
Barton, J. D. 7089
Barton, M. A. 7439
Barton, M. J. 4144
Barton, P. G. 5706
Bartram, C. 3373
Bartuněk, J. 4285
Baruah, U. 5223
Barzdajn, W. 2790, 6748
Basak, A. B. 5885
Basalingappa, S. 5916
Basappa, B. 473
Basarich, L. 5901
Basey, J. M. 3940
Basham, J. T. 4979
Baskerville, G. 4868
Bassene, E. 7012
Bassene, L. 5042
Bassman, J. H. 1779, 4598, 6200
Bassow, S. L. 4037
Bassuk, N. L. 3238
Bastard, D. 6821
Bastian, E. 5370
Bastide, J. 7048
Bastide, P. Y. de la 5269
Bastos, N. L. M. 7657
Basu, P. K. 5187
Basu, R. 7388
Basu, R. N. 4711
Basu, S. K. 2713
Basualdo, I. 3696
Batcheler, C. L. 5364
Bateman, D. E. 6705
Bates, C. 7019
Batini, F. 4974
Battaglia, D. 3078
Battisti, A. 8038
Battut, P. M. 1625
Bauer, E. 6317
Bauer, V. 742
Bauereiss, P. 5059
Baughman, M. J. 1849
Baum, B. R. 5176
Baumer, M. 5454
Baumgarten, A. 7769
Baumgartner, D. M. 12
Baumgras, J. E. 752
Bäumler, W. 532, 2479
Bautista, E. N. 3992
Bavel, C. H. M. van 4025
Bawa, A. K. 8095
Bawa, K. S. 2329
Baxendale, R. W. 5334, 5336, 7276
Baxter, W. A. 1970
Baylac, M. 5962
Baylis, N. T. 5732
Bazaid, S. A. 1893
Bazzigher, G. 2346
Beadle, D. E. 6667
Beal, P. E. 4319
Bean, A. R. 1587
Beardsley, J. W. 5922
Beaty, R. M. 6644
Beaulieu, J. 23, 4730
Bebauri, F. F. 4913
Becana, M. 7733
Becerra, J. 4456
Bechtold, W. A. 6888
Beck, J. A. 196, 230
Beck, M. M. 2504
Becker, C. A. 679
Becker, G. 4062, 6118, 7773
Becker, M. 3756, 5667
Becker, P. 4897
Becker, P. F. 2119
Beckjord, P. R. 7133
Beckwith, R. 2459
Beckwith, R. C. 3927
Becwar, M. R. 82
Beda, G. 2674, 7804
Bedard, W. D. 2443, 4497, 4499-4500
Bedel, J. 5390
Bedell, P. E. 5240
Bedenko, É. P. 6220
Bedford, L. 6825
Bedi, S. J. 2148
Bedker, P. J. 1079
Bednar, L. 7792
Bednarz, Z. 4571
Beecham, J. J. 1094
Beéche, M. A. 3105, 6557
Beek, T. A. van 7022
Beentje, H. J. 6374
Beer, J. 1420, 3208, 3951, 3971, 3977, 6048
Beer, J. W. 1420, 3208, 3264, 3951, 3971, 3977, 6048
Beer, R. 6082
Beerhues, L. 5092
Beese, F. 4966, 5735
Beeson, R. C., Jr. 73, 3242
Beets, P. N. 4749
Bega, R. V. 2654
Bégin, C. 2994
Begley, M. J. 1505
Begum, S. 3694, 5045, 7845
Behnke, G. 2313
Behrndt, W. 7523
Beier, C. 3621
Beier, P. 1093
Beindorf, K. 5477
Beiträge für die Forstwirtschaft 6293
Beitzen-Heineke, I. 1081
Bekele, A. 3729
Béky, A. 5527, 5620
Bel, A. J. E. van 328
Belanger, R. P. 1634
Bélanger, R. R. 3871-3872
Belbin, L. 3224
Belcher, E. W. 1881
Běle, J. 4186
Belfit, S. C. 5997
Belitz, G. 2772
Bell, D. T. 2120, 5579, 6930
Bell, J. C. 2348, 5243
Bell, J. S. 1726
Bell, S. A. 1424
Bella, I. E. 148, 1258, 2735, 3874
Bellarosa, R. 1252
Bellemore, J. C. 653
Belli, K. L. 1981, 4032, 4863
Bellinger, R. G. 6543
Bellman, P. 6619
Bellows, R. A. 3155
Bellstedt, D. U. 5761
Belo Moreira, M. 4538
Belsky, A. J. 4304
Beltrano, J. 2406
Beltz, R. C. 6891
Belyakov, P. 2167, 3536
Ben-Efraim, I. 1795
Ben Salem, B. 2521
Benavides Meza, H. M. 7719
Benčat', F. 4358
Benčať, T. 4857
Bendix, B. 1312, 6249
Benfield, E. F. 2863
Bengtson, G. W. 1945
Beniwal, B. S. 4817
Beniwal, R. K. 1761
Bennett, D. D. 4472, 5946
Bennett, F. D. 499
Bennett, G. J. 4331
Bennett, K. D. 5838
Benoit, P. 5312
Benson, D. R. 1826
Benson, R. E. 4893, 6883-6884
Bentley, W. R. 5395
Bentzer, B. G. 3025
Benvenuto, K. 5354
Beracz, P. 7230
Béranger-Novat, N. 2629
Bérard, J. A. 7448
Bereau, M. 8127
Beregova, T. S. 7627
Berengut, G. 3430
Berenschot, L. M. 30
Berg, C. A. van den 4514
Berg, C. C. 5152
Berg, R. H. 2257
Bergamasco, A. 651
Bergan, J. 1215
Berganza, L. H. 3696
Bergdahl, D. R. 8015
Berge, K. van den 2670
Bergelson, J. M. 4473
Bergen, J. D. 4986
Berger, A. 256
Berger, E. P. 2775, 4243, 4890
Bergeron, Y. 957
Bergerud, A. T. 3939
Bergerud, W. 118
Berghe, D. A. van den 7026
Bergin, D. 4809
Berglund, D. L. 3280
Bergman, F. 151
Bergmann, B. A. 1799
Bergmann, J. H. 6228
Bergsten, U. 1815, 1875, 4700, 6737
Bergström, G. 3150, 8066
Bergström, R. 5365
Berisford, C. W. 3154, 4505, 5317
Berki, I. 844-846
Berliner, R. 1629
Berlyn, G. P. 16
Bermadinger, E. 2840, 3625, 4967
Bermudez, I. R. 887
Bernabo, J. C. 5423
Bernal, G. 3187
Bernard-Dagan, C. 2340, 5460
Berner, P. 7537
Bernetti, I. 6874
Bernhard-Reversat, F. 7350
Bernhart, A. 8107
Bernhofer, C. 5253
Bernier, A. Y. 5390
Bernier, B. 2834, 3759, 4949, 7694-7695, 7731
Bernier, P. Y. 27, 550
Berrios, C. 8076
Berry, A. B. 6869
Berry, A. M. 1924, 1943
Berry, G. J. 7411
Berryman, A. A. 2415, 3054, 5913
Bertelson, D. F. 768
Berthelin, J. 1044
Berthold, H. 6408
Berti, S. 4061
Berti Filho, E. 3906
Bertin, F. 7633
Bertolo, P. L. 7918
Bertoni, J. E. de A. 621, 4390
Bespalov, V. P. 552
Bespalova, S. Yu. 2858
Bestmann, H. J. 7029
Betancourt, A. 7473
Betancourt, M. 7525
Bethard, T. 7736
Bettadapura, D. P. 4319
Betters, D. R. 1763, 1834, 5395
Bettiol, W. 1048
Bettis, E. A., III 7928
Betts, R. 3119
Betzold, H. 1197
Beudert, G. 6327
Beusekom, C. F. van 4605
Beuster, S. 4510
Beuter, J. H. 6694
Beveridge, A. E. 6783
Beveridge, R. L. 1659
Beveridge, W. J. G. 4627
Beyer-Münzell, P. 7937
Beyschlag, W. 5108, 5478
Bezuidenhoudt, B. C. B. 1534
Bezzabotnov, B. E. 2743
Bhadauria, R. S. 7289
Bhagat, S. 4705, 6196
Bhandari, A. S. 7676
Bhandari, H. C. S. 2057
Bhandari, R. S. 5319
Bhandari, S. C. 5869
Bhandary, S. B. R. 5553
Bhanwra, R. K. 2213
Bharat Rai 5187
Bharathie, K. P. 4611
Bhardwaj, S. 1956
Bhardwaj, S. D. 1957, 2133
Bhartari, S. K. 6280
Bharucha, E. K. 6593
Bhaskaraiah, K. 2906
Bhaskaran, S. 4939
Bhat, D. N. 241
Bhat, K. M. 1467, 2284, 3654, 3670
Bhat, K. V. 591, 1467, 3654
Bhat, M. R. 5311
Bhat, P. K. 8040
Bhatnagar, N. 6441
Bhatt, J. R. 4819
Bhatti, G. H. 2158
Bhavsar, G. C. 2235
Bhéreur, P. 6913
Bhreartuin, C. N. 571
Bhumibhamon, S. 1889
Bhutia, D. T. 5407
Białobok, S. 7746
Bian, Y. R. 2641
Bianchi, A. 1529
Bianchi, G. 1529
Bibr, K. 7583
Bick, I. R. C. 2231
Bickelhaupt, D. H. 4125, 6769
Biddiscombe, E. F. 678
Bidwari, A. 7605
Bieberstein, D. 1178
Biehl, H. 1663
Biger, G. 5173, 5443
Bigg, W. L. 475
Bigger, M. 3068
Biggs, W. G. 3448
Biging, G. S. 167, 2036
Bignardi, G. 1552
Bikram Singh 3692
Billings, W. D. 4133
Billore, S. K. 5983
Binazzi, A. 7192, 8032
Bindroo, B. B. 4823

Binggeli, P. 3768
Bingham, B. B. 4928
Bingham, E. T. 2330
Bingham, R. L. 4849
Bink, F. A. 1061
Binkley, D. 744, 1402-1403, 2849
Binns, W. O. 1700
Biondi, S. 4722
Bir, R. E. 7369
Birch, L. E. 704
Bird, N. M. 2061, 4016, 4539
Bird, P. R. 2086
Birdsey, R. A. 763-765, 769, 5680
Birgersson, G. 3150, 6564, 7219, 7222, 8063, 8066
Birk, E. M. 3664
Birks, H. J. B. 2995
Birler, A. S. 1356
Bishnoi, O. P. 2173
Bishop, A. L. 5901
Bishop, B. L. 6922
Bishop, D. L. 5558
Bisht, P. S. 5029
Bisht, R. P. 2199
Bismark, M. 406, 3229, 3934
Bisset, N. G. 2035
Biswas, K. M. 1520
Bitonti, M. B. 1611
Bitterli, P. 4256
Bittman, S. 1996
Bjonback, R. D. 6065
Bjornn, T. C. 3662
Bjugstad, A. J. 1088
Black, C. C. 6421
Black, H. L. 4317
Black, R. A. 6200
Black, T. A. 2788, 6425
Blackie, J. R. 1702
Bladon, P. 1516
Blagodatskaya, E. V. 2107
Blahna, D. J. 6621
Blain, J. 2648
Blair, G. 1318
Blair, G. J. 2609
Blais, J. R. 501
Blais, R. 5312
Blake, E. A. 4861
Blake, T. J. 1417, 1935, 5722, 7720
Blakeslee, G. M. 2419, 7157
Blanche, C. A. 5081, 6731
Blanchette, R. A. 6771
Bland, W. L. 6678
Blank, L. W. 3609, 6668
Blank, R. 5650
Blankenhorn, P. R. 6206
Blanton, H. M. 3033
Blaschke, H. 3617
Blasco, F. 3615
Blaser, J. 7389, 7539
Blaskó, G. 7014
Bledsoe, C. 1953
Blenis, P. V. 487, 2391, 4439-4440, 5277, 5279, 5281
Blerot, P. 6880
Blessmann, T. 4176
Bleuler, M. 5316
Bleuten, W. 2155
Blingsmo, K. R. 1342
Blinov, A. O. 2587
Blintsov, A. I. 8057
Blintsov, I. K. 7683, 7713
Bliss, J. C. 3310
Bloese, P. D. 3450, 7469
Blöndal, S. 1209
Bloom, P. R. 3599
Bloomberg, W. J. 4432
Blumwald, E. 4629
Boa, E. R. 4446
Boas, O. V. 692
Bobbe, T. J. 4218
Bobko, I. N. 4450-4451
Bobowicz, M. A. 1016-1017
Bockheim, J. G. 7766
Boddez, P. 7535
Boddi, V. 5157
Boddy, L. 2104, 2826
Bodegom, A. J. van 6856
Böden, E. 7148, 7983
Bodke, R. R. 7605
Bodley, C. L. 7411
Bodo, B. 1557, 3714, 7015
Boehringer, A. 5396
Boer, E. S. de 678
Boer, P. J. den 3087
Boerboom, J. H. A. 4013
Boerner, R. E. J. 2103
Bogacheva, I. A. 4459
Böge, W. 6225
Bogemans, J. 2139
Bogenschütz, H. 5935, 7278, 8043
Boggs, J. F. 2022
Bogle, A. L. 5014
Bogolyubov, A. S. 2475
Bogs, D. 5968
Bogusz, D. 1569
Bohlmann, F. 1542
Bohnens, J. 2662
Böhnert, E. 1747
Bohning, R. A. 37
Boiko, M. F. 7099
Boily, J. 1290, 6663
Bois et Forêts des Tropiques 7808, 7817, 7828-7829, 7831
Boivin, J. L. 115
Bojő, J. 7395
Bojórquez, L. A. 4519
Boland, D. J. 2206, 4695
Boldt, H. 6212
Boletim Técnico do Instituto Florestal 580
Bolhàr-Nordenkampf, H. R. 3747-3748
Bolla, R. I. 3134
Bolland, G. 2635, 6494
Bolle, W. 4121
Bollinger, W. H. 5227
Bolvanský, M. 4419
Bombosch, F. 1171
Bon, M. C. 5797
Bonamo, P. M. 1483
Bonan, G. B. 6473
Bonani, S. 624
Bonatti, P. M. 5024
Bončina, A. 6878
Bondarchuk, G. V. 7779
Bondareva, N. A. 6499
Bondesson, F. L. 7105
Bondi, M. 3456
Bondi, M. C. 6235
Bönecke, G. 5359
Bonfante-Fasolo, P. 456
Bonga, J. M. 1914, 1933
Bongers, F. 409, 1595, 2777
Bongolan, F. F. 2705
Bonnemann, A. 3208, 6048
Bonner, F. T. 1236, 2630, 4710, 5540
Bonnet-Masimbert, M. 1231
Bonnor, G. M. 194, 4184
Bonny, L. 4084
Booij, C. J. H. 5939
Bookeri, M. L. M. 8131
Boon, J. J. 4343, 5077
Boon, P. I. 1399
Boonarutee, P. 6735
Boone, R. D. 5271
Boos, K. S. 2152-2153
Booth, A. 4250
Booth, M. C. 1924
Booth, T. C. 6688
Booth, T. H. 2090, 4695, 7421
Boratyński, A. 6957, 8169
Borchert, M. I. 5577
Borchsenius, F. 3782
Bordage, G. 1697
Borden, J. H. 6234, 8065, 8082
Bordoloi, M. 7027
Borel, R. 3208, 3973, 5403, 6048
Borg, H. 4974
Borgegård, S. O. 1412
Borges, E. N. 790
Borges, J. D. 3084, 3899
Borges, R. G. 460
Borhidi, A. 405, 985
Boring, L. R. 5738, 6970
Borkenhagen, J. 6155
Borkenhagen, J. E. 4244
Borlagdan, S. B. 3219
Bormann, B. T. 3613
Born, J. D. 4226, 7663
Born, M. 2687
Born, W. H. Vanden 130
Böröcz, P. 4462
Boroń, L. 7742
Borowy, R. L. 6675
Borralho, N. 4128
Borralho, N. M. G. 4035
Borrmann, K. 6229
Borrmeister, H. 5506
Börtitz, S. 4354, 6318
Borzan, Ž. 440-441
Bos, M. M. 2155
Bösch, B. 1171
Bosch, C. 841
Bosch, O. J. H. 5989
Bosco, M. 4428
Boshier, D. H. 6146
Boshoff, S. 6448
Bostrand, L. 1196
Boswell, R. C. 5114
Botha, F. C. 6419, 6438
Botha, S. A. 1298
Bothe, H. 7405
Bothma, J. du P. 6003
Bottacci, A. 7058
Botton, B. 462, 1625
Bouček, Z. 5918
Bouchard, A. 957
Boudarev, Yu. P. 2858
Boudarga, K. 5878
Boudet, A. M. 921, 6907
Boudier, B. 5292
Bougher, N. L. 5879-5880
Boughton, V. H. 2207, 6991
Boulanger, J. 7582
Boulay, M. 4129
Boulbet, J. 1130
Boulet, R. 8127
Boulos, L. 1146
Bouma, J. 7785
Bourgeon, G. 2289
Bourgogne, V. 7498
Bourne, A. 8052
Bourque, C. P. A. 4900
Bousfield, W. 6584
Bousfield, W. E. 2457, 5323
Bousquet, J. 2352
Boutillier, Y. 8161
Boutland, A. 4053, 4540
Bouyaiche, M. 2422
Bouzayen, M. 922, 2964
Bovey, R. W. 5592, 7554
Bowden, R. D. 2797
Bowen, G. D. 458, 1941
Bowen, M. R. 4016, 6111, 6698, 6702
Bowersox, T. W. 6206
Bowler, M. 975
Bowman, D. M. J. S. 989-990
Bown, C. J. 1727
Boyce, R. L. 16
Boychuk, D. 2182
Boyd, R. 1186
Boyd, R. G. 4012
Boyd, R. J. 7102
Boyer, J. N. 2014, 2656, 3432, 4087, 4114
Boyer, M. G. 5920, 6342
Boyle, T. 3557
Boyle, T. J. B. 442, 583, 7110
Boyonoski, N. 529
Braasch, D. 5968
Brabänder, H. D. 44
Brace, L. G. 38, 99
Bracho, R. 2305
Brackman, A. S. 2634
Bradbury, M. 5727-5728
Bradfield, G. E. 1005
Bradley, A. F. 5192
Bradley, D. P. 4680
Bradshaw, A. D. 1605
Bradshaw, J. W. S. 8044
Bradshaw, W. G. 4314
Bragança, L. de 6717
Bragg, J. D. 3827
Braham, R. R. 3381, 4094
Brais, S. 6913
Braithwaite, L. W. 2480
Braithwaite, R. W. 7184
Bräker, O. U. 2967, 4569
Bramlett, D. L. 2261
Branch, S. A. 5093
Brand, D. G. 5489, 5601
Brandbyge, J. 7074, 7914
Brandenburg, W. A. 4370
Brandes, H. 1081
Brandl, H. 555, 4657, 7668
Brandle, J. R. 1825, 2511
Brandt, E. V. 1534, 7876
Brandt, F. A. 6754
Brandt, R. 1228
Brang, P. 5113
Branham, S. 7396
Brann, G. 6037, 6037
Branney, P. 120
Braquet, P. 6409
Brar, S. P. S. 7690
Brasier, C. M. 483
Brasil, M. A. M. 170
Braun, H. 4080, 4415, 6493, 6709
Braun, R. 200
Braun, S. 1062
Bray, J. R. 429
Bray, R. A. 5924, 5976, 6504
Braz-Filho, R. 2925, 2936, 7854
Braza, R. D. 3915, 5914, 6538, 6570
Brazeau, M. 2834, 3759, 4949
Breach, T. 5596
Breadon, R. E. 3436
Brechany, E. Y. 1496
Brecht, E. 7765
Breckle, S. W. 981
Breden, F. 8067
Bredenkamp, B. V. 2047
Breemen, N. van 244-245, 835
Brehm, R. 6175
Breil, B. 2812
Brémond, M. P. 3666
Bren, L. J. 4175, 6336, 7298
Brennan, E. 4752, 4972
Bresser, A. H. M. 3270
Breteler, F. J. 2277
Bretting, P. K. 1827
Brewbaker, J. L. 3484, 5003, 5473-5474, 5625, 5826, 5921, 5975, 6136-6137, 6444, 6986, 7468
Briançon-Scheid, F. 3725
Brickell, J. E. 6866
Bridge, M. C. 571, 5839
Bridges, J. R. 5322
Bridges, K. W. 5111
Bridges, R. G. 3664
Briel, J. van den 36
Briffa, K. R. 4570
Briggs, D. R. 863
Briggs, G. M. 5097
Briggs, R. D. 6682
Bright, G. A. 8139
Briksavan, N. 1130
Bringmark, E. 2097
Brink, G. E. 762
Briones, N. D. 6089
Brison, M. 7502
Brister, G. H. 1768
Bristow, S. 684
Brit, G. de 4759
Brito, J. O. 4179
Britton, G. 5062
Broad, K. 1604
Brock, T. C. M. 4382
Brockley, R. P. 3390, 3392
Broder, J. M. 1791, 6636
Brokaw, N. V. L. 5578
Brokensha, D. 4580
Brooker, M. I. H. 1587, 7072
Brookes, M. H. 7273
Brooks, D. J. 5487
Brooks, D. R. 1710
Brooks, K. N. 1706
Brooks, L. S. 3445
Brooks, R. T. 6604-6605
Brophy, J. J. 3720
Broshchilova, M. 3605

Brouard, J. S. 7776
Broughton, H. B. 2904
Brouwer, R. 36
Browder, J. O. 6660
Browicz, K. 7930-7931
Brown, A. G. P. 8008
Brown, B. G. 4995
Brown, B. J. 4460
Brown, B. N. 421
Brown, B. T. 4522, 5342
Brown, I. F. 4625
Brown, J. H. 751
Brown, J. K. 4990, 7958
Brown, J. R. 6785
Brown, K. A. 5744
Brown, K. M. 3549
Brown, K. R. 6142
Brown, K. S., Jr. 7397
Brown, M. J. 5272, 6888
Brown, P. C. 6040
Brown, R. A. 3367
Brown, R. D. 6649
Brown, S. 829, 6687
Brown, T. C. 5494, 6637
Brown, V. K. 4457
Brubaker, L. B. 2996, 5659
Bruce, R. 95
Bruchwald, A. 7414-7416
Bruck, R. I. 3755, 3758
Bruckner, C. H. 825
Brückner, J. 1447
Bruenig, E. F. 598, 1701
Brugnoli, E. 1571
Bruhn, J. N. 5258
Bruijn, F. J. de 7405
Bruijnzeel, L. A. 6942
Bruleaux, A. M. 7590
Brum-Bousquet, M. 2902
Brumelis, G. 1014, 4770
Brunberg, T. 4177
Brundrett, M. 5038
Brune, A. 1059
Bruneau, G. 6167
Brünig, E. F. 598, 988, 1701
Brussino, G. 5349
Brusven, M. A. 3662
Bruzon, J. B. 106
Bryan, H. 6201
Bryant, J. P. 8045, 8092
Bryant, R. 5991
Brynn, D. J. 628
Buat-Ménard, P. 3666
Bucci, L. A. 711
Buch, M. W. v. 6329
Buchala, A. J. 2960
Bucher, J. B. 2782, 4615
Bücher, K. 4299
Bucher-Wallin, I. 4615
Buchholzer, P. 3650
Buchman, R. G. 672
Buck-Feucht, G. 838
Bücking, W. 564, 1411
Buckleigh, D. 6036
Buckles, O. 6823
Buckley, G. P. 1711
Budathoki, S. K. 1976
Budelman, A. 1259, 1347, 2708, 2792, 2832, 8129
Budiantho, D. 758
Budowski, G. 5395
Budu, C. E. 5795
Budy, J. D. 4717
Bues, C. T. 4205, 4294, 4980
Buffi, R. 7569
Bühlmann, U. 1432
Buijtenen, J. P. van 4406
Bulavik, I. M. 4744
Bulcke, R. 1273
Bulgaria, Komitet po Kachestvoto k'm Ministerskiya S'vet 3257-3260
Bullard, S. H. 1385
Bullen, F. T. 3226
Bulletin des Recherches Agronomiques de Gembloux 4603
Bulletin OEPP 7257
Bulloch, B. T. 6802
Bullock, S. H. 2250, 5205
Bulman, L. S. 5286
Bunce, H. W. F. 3620
Bunker, J. D. 1979
Bunnell, F. L. 1086
Bunnell, P. 3317
Bunting, S. C. 2532
Bunyapraphatsara, N. 7014
Burbidge, A. A. 2481
Burch, W. R., Jr. 1125
Burdekin, D. A. 1034
Burdon, R. D. 4407
Buresti, E. 656
Burgan, R. E. 4634
Burgbacher, H. 555, 2766
Burger, D. 7448
Burger, D. W. 1237
Bürger, J. 1172
Burger, J. A. 1113, 2651, 2681, 7319
Burger, J. F. W. 7875
Burger, W. 5832-5833
Burgess, D. 54
Burgess, D. M. 5019
Burgess, P. 1813
Burguera, J. L. 6526
Burguera, M. 6526
Burk, T. E. 21, 588, 4973
Burkhart, H. E. 588
Burleigh, J. R. 6629
Burmeister, E. 2776
Burmester, A. 3626
Burnell, D. G. 1152
Burnham, C. P. 5643
Burns, B. R. 7920
Burns, S. F. 7687
Burns, T. R. 6223
Burro, M. 4573
Burroughs, E. R., Jr. 7651
Burrows, G. 212
Burrows, G. E. 5025, 6400
Burrows, L. E. 3422
Burrows, N. D. 6982
Burrows, W. H. 1688
Burschel, P. 5615
Bury, R. B. 3661
Burzynski, G. 7461
Busby, J. R. 6908
Busch, H. P. 2479
Buschbacher, R. 4943
Buse, L. J. 6194
Bush, J. K. 3016
Bush, M. B. 5174
Busher, P. E. 3940
Bushey, C. L. 4994
Busing, R. T. 427, 6483
Bussche, G. H. von dem 6060
Bussler, B. H. 2522
Bussotti, F. 4352, 7058
Bustomi, S. 733, 1973, 2043
Butcher, C. F. 2715
Butcher, D. 5464
Butcher, S. M. 6681
Butora, A. 854
Butt, G. 3437
Butt, M. B. 5627
Butterworth, E. W. 2423, 8042
Butzke, H. 7693
Buzatto, O. 170, 620-621, 651, 724
Bůžek, Č. 6464
Buzzini, P. 5157
Byers, J. A. 3150, 7223
Bykov, A. A. 7218
Bykov, A. V. 4271
Byler, J. W. 8003
Bylin, C. V. 766-767, 6889
Bylund, H. 7220
Byoun, K. O. 74
Byram, T. D. 2165
Byrne, G. F. 5657
Byrne, J. C. 5677
Byrne, L. T. 4261
Byrne, P. N. 8146
Byrne, S. V. 4029
Byrnes, W. R. 2522
Byron, N. 4053, 4540
Bytnerowicz, A. 832, 2160
Byun, B. H. 507, 3123, 3130
Byun, W. H. 7659
C., G. E. 3338, 3366, 3431, 3473, 3492, 3842, 4009, 4131
Caballer Mellado, V. 3247
Caballero Deloya, M. 13
Cabanettes, A. 6865
Caboun, V. 5225
Cabral, O. M. R. 6934
Cachier, H. 3666
Cade, S. C. 3103
Cadle, S. H. 2154
Caemmerer, S. von 1571
Cagampang, J. V. 2892
Cahill, D. B. 1659
Cahill, J. M. 5609-5610, 6242
Cai, B. C. 2695
Cai, L. 3828
Cai, W. G. 657
Cai, X. Z. 2675
Cai, Z. M. 284
Cailmail, F. 1295
Cain, S. 1399
Cairney, J. W. G. 2381, 7137-7138
Cairns, A. L. P. 5595
Calanog, L. A. 3994
Caldíz, D. O. 2406
Caldwell, R. 5396
Cale, W. G., Jr. 5388
Calisher, C. H. 2600
Call, J. W. 3157
Callaghan, T. V. 1299
Callauch, R. 1582
Callaway, R. M. 7636
Calvin, M. 1512
Camacho, P. 2052
Camacho H., Y. 6050
Cambie, R. C. 3708
Cameron, D. E. 8047
Cameron, D. M. 7348
Cameron, E. A. 2022
Cameron, I. R. 3534
Cameron, J. N. 4788
Cameron, P. J. 6656
Cameron, R. 1240
Cameron, R. S. 4515
Cameron, S. I. 1274
Camino, R. de 597
Camino Velozo, R. de 3291, 3568
Camp, R. 6133
Camp, R. F. 2012, 6191
Campbell, A. 2524
Campbell, C. D. 1753
Campbell, C. S. 1621
Campbell, D. J. 3580
Campbell, G. E. 1770
Campbell, I. C. 4293
Campbell, J. J. N. 2873
Campbell, R. K. 3830
Campbell, S. J. 4116, 4431
Campo, J. J. 2474
Campoccia, D. 6402
Campos, C. H. O. 2771
Campos, J. C. C. 740, 3522, 3540
Can, N. V. 4208
Canada, Alberta Forest Service, Reforestation and Reclamation Branch 7107
Canada, Canada-Alberta Forest Resource Development Agreement 6674
Canada, Canadian Forest Inventory Committee 4607
Canada, Canadian Forestry Service 1192
Canada, Forestry Canada 6074
Canada, Ministère de l'Énergie et des Ressources, Québec 4010
Canada, National Wetlands Working Group 1001
Canada, Nawitka Resource Consultants Ltd. 3466
Canada, New Brunswick Forest Research Advisory Committee 581
Canada, Russell Ecological Consultants 5379
Canales, M. J. 6526
Candler, R. 2098
Candrian, M. 1709
Canham, C. D. 4903, 5699
Cannell, M. G. R. 1458, 4209, 4250, 5009, 5774
Cantrell, B. G. 6172
Canu, M. T. 5499
Canut, H. 921
Cao, B. 3107
Cao, C. Y. 4479
Cao, Z. X. 911, 5120
Capannesi, G. 4287
Cape, J. N. 4907, 4955-4956
Čapek, M. 5804
Capel, S. W. 2505
Cappelletti, E. M. 6402
Cappelli, A. 4059
Cappelli, M. 624, 872
Cappenberg, M. W. H. 4563
Cappiello, P. E. 7362
Caprile, J. 6646
Carazo, G. 7167
Cardé, R. T. 3091
Cárdenas Valencia, L. 6390
Cardini, F. 1547, 5062
Carew, G. C. 469
Carey, D. R. 6527
Carey, M. L. 4807
Carignan, M. 2077
Carim, E. 1841
Carleton, T. J. 1014, 4770
Carlill, P. 5991
Carlisle, J. 3634
Carlowitz, H. C. von 1145
Carlowitz, P. G. von 3209
Carlquist, S. 326, 2885-2887, 4328, 5030-5034
Carlson, C. L. 2838
Carlson, L. W. 7448
Carlson, P. J. 8133
Carlson, W. C. 3606
Carlyle, J. C. 7712
Carmo, D. N. do 811
Carneiro, J. G. de A. 3407
Carneiro, M. de F. 3084
Caroli, S. 4287
Caron, C. 5047
Caron, F. 583
Caron, M. 2648
Carpanezzi, A. A. 2615
Carpenito, C. 7918
Carpenter, E. H. 2868
Carpenter, E. M. 1359
Carpenter, P. L. 3176
Carpenter, S. E. 5599
Carpentier, J. P. 6867
Carr, D. J. 891, 5023, 5785
Carr, S. 47
Carr, S. G. M. 891, 5023, 5785
Carr, W. W. 279, 3429, 3643, 3954
Carrasco, A. 921
Carre, P. 7048
Carreón Abud, Y. 6442
Carreras, R. 333-334, 888
Carrier, L. 366
Carrillo L., R. 6477
Carroll, G. C. 2460
Carson, M. J. 3834
Carter, F. L. 1553
Carter, G. A. 3754
Carter, R. E. 823, 924
Carter, T. C. 1143
Carthy, J. 4455
Cartier, F. 2141
Carvalho, M. G. do 1059
Carvalho, P. E. R. 2615
Casarin, V. 662
Case, T. J. 5958
Casey, C. J. 4666
Casey, J. 8162
Casey, J. H. 6053
Cash, R. C. 7377
Casini, L. 2069
Caskey, W. H. 6970
Cassel, J. F. 1088
Cassels, P. K. 3299
Castedo, L. 3697
Casteels, H. 8049
Castellano, M. A. 2380
Castellanos, A. E. 5205
Castillo, H. 7933
Castillon, J. 2121, 7723

Castro, A. H. 1180
Castro, S. 7167
Castro C., O. 1548
Cates, R. G. 5289
Catesson, A. M. 2211
Catibog-Sinha, C. 3938
Catling, P. M. 315, 5204
Cattelino, P. J. 679
Caulfield, J. 5393
Cauvin, B. 55, 6321
Cavalcante, M. J. H. 2225
Cavalli, R. 5501
Cavanagh, H. T. 1225
Cavé, A. 1508
Caveness, F. A. 3201
Cedillo-Vaz, S. 7597
Ceitel, J. 2988
Celis, A. 6526
Cenni, E. 7058
Cera, M. 5501
Cerana, R. 919, 2961
Cerda, I. 6697
Cerda, L. 6557, 8036
Cereghetti, E. 776
Cerezke, H. F. 522
Cerri, C. C. 7786
Červená, M. 5712
Ceschi, I. 7649
Ceska, A. 1810
Cessna, A. J. 1996
Cesti, G. 5759
Ceulemans, R. 889, 7802
Ceulemans, R. J. 7984
Cevallos-Ferriz, S. R. S. 7811
Chabot, M. 5096
Chacko, K. C. 3815
Chadhar, S. K. 7492
Chae, J. S. 2865
Chai, R. H. 6470
Chai, X. M. 1660
Chaichanasuwat, O. 6732
Chaisurisri, K. 1896
Chakavanda, M. 1157
Chakraborty, D. P. 2926
Chakraborty, S. 4824
Chakravarty, P. 2374
Chalk, L. 6654
Challa, O. 5386
Challies, C. N. 5364
Chalot, M. 1625
Chalupa, V. 4096, 4098, 7505-7506
Chamberlain, P. A. 1839
Chambers, D. M. 8026
Chambers, F. M. 3000
Chambers, R. 1381, 4592, 4650
Chambers, R. J. H. 1381
Champs, J. de 6181
Chamshama, S. A. O. 2331
Chan, C. T. 6858
Chan, H. T. 5594
Chandra, K. S. J. 77
Chandra, R. 5198
Chandra, S. 7837
Chandran, P. 4914
Chandrasekhara, R. S. 1506
Chandrasekharaiah, A. M. 4694
Chandy, K. C. 1732
Chaney, W. R. 460, 2522
Chang, C. C. 451
Chang, C. E. 6997, 7069
Chang, C. H. 2894, 5051
Chang, C. S. 7418
Chang, C. T. 87, 185, 2803
Chang, F. J. 6415, 6966
Chang, J. S. 4847
Chang, K. F. 4439-4440
Chang, K. G. 6414
Chang, K. P. 5874
Chang, M. Y. 8163
Chang, N. H. 64
Chang, S. 1530
Chang, S. H. 4731, 5332
Chang, S. J. 2542
Chang, S. L. 265, 452
Chang, S. O. 1221
Chang, Y. C. 3098, 5981
Chanterac, B. de 301
Chao, C. S. 3770
Chapela, I. H. 2104, 3851
Chapela Mendoza, I. H. 4424
Chaperon, H. 1295
Chapin, F. S., III 1419
Chaplin, G. E. 3070, 3338, 3346-3347, 3366, 3369-3370, 3431, 3473, 3492, 3842, 4009, 4068-4069, 4131
Chapman, K. 6330
Chapman, R. C. 6871
Chapman, W. 4356
Chappelka, A. H. 592, 4973
Charfi, M. 4533
Charomaini, M. 2342
Chase, C. H. 7787
Chatarpaul, L. 54, 2126, 2374
Chatelain, F. 2674
Chatterjee, A. 3717
Chatterjee, B. N. 6030
Chattopadhyay, D. 7121
Chattoraj, G. 865
Chaturvedi, A. N. 241, 612, 719, 2058
Chaturvedi, O. P. 1177, 4719
Chaubey, O. P. 7676, 7705, 7942
Chaudhari, D. C. 346
Chaudhry, M. A. 6427
Chauhan, H. S. 3966
Chauhan, J. M. S. 2112
Chauhan, P. 2247
Chauhan, P. S. 1902, 1956
Chaumont, J. 7988
Chauret, G. 3652
Chauvet, E. 1406
Chawdhury, R. 6128
Chazdon, R. L. 5191
Che, C. T. 7036
Cheatle, R. J. 1170
Chee, W. C. 7993
Cheek, M. 1592
Cheema, M. A. 7617
Cheema, S. S. 1751, 1769, 3956, 6028
Cheliak, W. M. 1032, 1232, 3832
Chelli, M. 1547
Chelmo, D. 6614
Chen, B. Y. 2463, 7185
Chen, C. F. 318, 2879
Chen, C. H. 7011
Chen, C. J. 2461
Chen, C. Y. 2821, 6937
Chen, D. M. 430
Chen, D. Q. 5507
Chen, H. H. 1443
Chen, H. S. 7212
Chen, J. 7270
Chen, J. S. 2271
Chen, J. Y. 2461, 4476
Chen, K. J. 5338
Chen, L. C. 4847
Chen, L. Z. 804, 1344
Chen, M. J. 1397
Chen, M. M. 4438, 8017
Chen, M. Y. 1451, 5373, 6937
Chen, P. Z. 4478
Chen, Q. L. 1344
Chen, S. C. 7212
Chen, S. L. 1461
Chen, S. W. 5614
Chen, S. Y. 3740, 5827
Chen, T. F. 1268, 6197
Chen, T. H. 3028, 7975
Chen, T. H. H. 2949
Chen, W. L. 4724, 6755
Chen, W. M. 3703, 5789
Chen, W. X. 3828
Chen, X. M. 4747
Chen, X. Y. 4692, 5517
Chen, Y. 983
Chén, Y. C. 252, 2915
Chen, Y. H. 5338
Chen, Y. M. 3619
Chen, Y. S. 6730
Chen, Y. T. 5787
Chen, Z. 183, 7185
Chen, Z. D. 2055
Chen, Z. H. 1481
Chen, Z. J. 6730
Chen, Z. K. 1472
Chen, Z. L. 4534
Chen, Z. M. 6810
Cheng, C. M. 2542
Cheng, D. C. 2758
Cheng, D. S. 7146
Cheng, F. 24
Cheng, J. D. 1699, 2486
Cheng, Q. B. 6469
Cheng, S. W. 4349
Cheng, W. E. 1624, 4942
Cheng, Y. S. 1538, 3716, 7869
Cheng, Y. W. 3029
Cheng, Z. G. 4574
Cheng, Z. H. 754
Cheng, Z. S. 266, 452
Chénier, J. V. R. 7227
Chenieux, J. C. 4342
Cheong, Y. M. 7754
Cherepanova, V. E. 2230, 2238, 3746
Cherevatyuk, B. V. 7311
Cherif, A. 1521
Cherkezoff, L. E. 6649
Cheshire, H. M. 2761
Cheung, Y. C. 714
Cheung, Y. Y. 714
Chevone, B. I. 592, 4973
Chew, S. T. 3999
Chi, G. Q. 293
Chi, J. 1872
Chi, U. S. 615
Chiba, K. 998
Chidumayo, E. N. 1764, 1968, 2184
Chien, C. T. 3678
Chikaarashi, H. 2489, 7297
Child, R. 5381
Chile, Corporación Nacional Forestal 7796
Chile, Instituto Forestal 5448, 6697
Chilton, S. 2335
Chimbelu, E. G. 8164
Chin, F. H. 1077-1078
Chin, H. F. 2621, 6159
Chin, S. C. 1279
China, Chinese Forestry Ministry, Group Studying the Technology of Indian Bamboo Culture 2711
China, Cooperative Group of the Provenance Test of *Pinus tabulaeformis* 4682
China, Group of Transforming Low Yields of *Ph. pubescens* Forests, Zhejiang Province 715
China, State Bureau of Standards 579
China, Yanchi Psammophyte Arboretum 5723
Chinery, D. H. 2645
Chiou, C. C. 67
Chiu, S. F. 336
Chiyenda, S. S. 5412
Cho, E. H. 8174
Cho, H. D. 7781
Cho, K. J. 3458
Cho, S. T. 3160
Choi, J. Y. 3022
Choi, K. 3022
Choi, M. G. 7722
Choi, S. K. 435-436, 633, 1023, 1610
Choisnel, E. 1393
Chojnacky, D. C. 4195, 6854
Chong, C. 3237
Chong, L. 1049
Chong, L. J. 8082
Chong, N. 4763
Chong, P. F. 5594
Choo, H. Y. 7228
Choquette, C. 2382
Chou, C. F. 4793
Chou, C. H. 2541-2542, 7104
Chou, C. K. S. 3869
Choudhary, M. I. 5052
Choudhury, A. 1562
Chouhan, R. R. S. 7611
Chow, W. 4878
Chow, Y. 4326
Chowdhury, A. R. 2909
Christiansen, C. 7018
Christiansen, E. 1673
Christie, A. C. 5093
Christie, M. 7546
Christie, W. W. 1496
Christoffersen, L. E. 5400
Christy, E. J. 1311
Chrosciewicz, Z. 4774, 5572
Chroust, L. 4147, 7606-7607
Chu, C. B. 7061
Chu-Chou, M. 7135
Chughtai, F. A. 5627
Chukichev, A. N. 2185
Chum, H. L. 3739
Chumbley, C. A. 7928
Chun, Y. W. 7981-7982
Chung, D. Y. 1021
Chung, H. G. 436
Chung, H. H. 4793
Chung, J. D. 6170
Chung, K. S. 6684
Chung, S. B. 521, 3914
Chung, S. L. 266
Chung, Y. J. 3097, 3123
Chung, Y. L. 66, 1220
Churakov, V. P. 4430
Churms, S. C. 1509
Chyo, M. 3509
Cialdella, A. M. 3776
Ciccarone, C. 4444
Cicco, V. de 3608
Ciesla, W. M. 1576
Cieszewski, C. J. 2735
Cifala, F. 6584
Cifra, J. 5705
Ciolli, M. 1611
Citerne, A. 6949
Čížková, R. 4115, 4283, 6397
Čižmár, O. 4978
Clancy, K. M. 2941
Clark, A., III 728, 909, 1346, 6847
Clark, D. A. 1824, 1969, 5366
Clark, D. B. 1969, 5366
Clark, J. R. 5381, 6640
Clark, J. S. 4312, 4384, 6974, 7954
Clark, K. 5216
Clark, L. G. 6454
Clark, M. B. 1687
Clark, P. R. 6368
Clark, R. J. 4608
Clark, S. L. 5743
Clarke, H. D. 2275
Clarke, P. J. 7131
Clarke, S. R. 4505
Clarke, W. C. 3991
Clarkson, J. 4011
Clarkson, J. R. 3720, 4365
Clausen, T. P. 8045
Clauser, F. 4352, 7058
Claustres, J. P. 2824
Clay, J. W. 3182
Clayton, J. L. 4123, 4260
Clayton, M. 2480
Cleaveland, M. K. 8184
Cleaves, D. A. 2868
Clebsch, E. E. C. 6483, 7636
Cleland, D. T. 2820
Clement, C. 420, 3979
Clement, C. R. 1777, 3979
Clement, J. 7652
Clements, R. 5475
Clements, R. O. 4552
Clements, S. E. 4866
Clercq, R. de 8049
Clerx, W. A. 2232
Cleve, K. van 1419
Clinch, P. 4263
Cline, M. L. 1050
Cline, R. A. 3237
Cline, S. P. 6925
Cline-Cole, R. A. 3325
Clinnick, P. F. 6911
Clout, M. N. 5353
Clüsener, M. 981
Coates, D. 129, 685, 5593, 6825
Coates, D. J. 2347

Coates, K. D. 419
Cobarrubia, O. 3187
Cobb, F. W., Jr. 1635
Cobb, G. S. 3243
Cobbina, J. 3204, 6135
Cochran, V. L. 6972
Cock, N. de 425
Cockbaine, J. C. 7933
Coddington, J. M. 3708
Coddington, S. P. 6522
Coderre, D. 6913
Codignola, A. 456
Codling, A. N. 884
Coelho, L. C. C. 620-621, 651, 724, 3514
Coers, J. 3106
Coetzee, J. 4805
Coffen, D. O. 4595
Cohen, Y. 3443, 4621
Cohn, E. J. 3016
Coinu, G. 1248
Cojocaru, M. 2919, 5793
Coker, A. 6766
Colangeli, A. M. 5133, 7908
Colbert, J. J. 7273
Cole, D. M. 4792
Cole, D. N. 7359
Cole, E. C. 133, 1092
Cole, E. G. 6147
Cole, T. G. 178, 219-220, 6894-6896
Coleman, D. C. 5717
Coleman, G. D. 3385, 7503
Coleman, M. 1953
Coleman, M. N. 7110
Coley, P. D. 2417, 6583
Colinvaux, P. A. 5174
Collazos, M. E. 2703
Collier, D. E. 6342
Collins, S. 2465
Collister, E. A. 6664
Collopy, M. W. 2473
Colombo, R. 917, 919, 2961
Colombo, S. J. 96, 2092, 3433, 3575
Comai, L. 2355, 5858
Come, D. 635
Comer, C. W. 6780
Comerford, N. B. 803
Commandeur, P. R. 1707
Commission of the European Communities 3292
Commonwealth Forestry Association 1195
Compère, R. 3563
Congalton, R. G. 3555-3556, 4526
Conkey, J. H. 354
Conkey, L. E. 855
Conn, E. E. 1545, 2897, 2942
Conner, R. C. 6885
Conner, W. H. 2678
Connolly, J. D. 2893, 5063, 7008, 7025
Connolly, R. 1710
Connor, K. F. 5088
Conrad, C. E. 5830
Conrad, J. 7006
Conry, M. J. 4263
Constable, D. C. 7181
Constantineanu, I. 8039
Constantineanu, R. 8039
Constantino, E. P. 1132
Conti, C. 7024
Contreras, D. 398
Contreras F., D. 6477
Convert, M. 920
Conway, G. R. 4636
Cook, C. C. 5400
Cook, E. A. 5688
Cook, E. R. 3757
Cook, S. 2188
Cooksley, D. G. 3189
Cool, L. 3736
Coolbear, P. 4701
Cooley, S. J. 3883
Cooper, A. 1003
Cooper, G. I. 5070
Cooper, K. H. 5210
Cooper, M. A. 2962
Cooper, S. G. 714
Cooper, S. M. 4520
Cooper, S. V. 5193
Copes, D. L. 3382, 5551
Copland, B. J. 2263
Coppel, H. C. 1065, 3127
Coppin, P. 221
Coppola, J. 5296
Corbasson, M. 6385, 6388
Corbineau, F. 635
Corcoran, T. J. 2072
Cordaliza, M. 2924
Cordell, B. M. 6087
Cordell, C. E. 3855-3856
Cordell, G. A. 6406, 7014, 7036
Cork, S. E. 3226
Corkill, J. A. 6092
Corlett, R. T. 5777
Corlin, C. 1785
Cormack, W. F. 3215
Corn, P. S. 3661
Cornel, D. 920
Cornelissen, J. H. C. 3020
Cornett, J. W. 7039
Cornett, Z. J. 1951
Cornu, D. 1936
Corona, P. 665, 1803, 4325
Corral, L. E. 1405
Correa, M. 6382
Correll, J. C. 6645
Corriveau, A. 23, 4730
Corriveau, A. G. 583
Corsini, P. C. 789
Cortes, D. 1508, 7878
Cortés, S. L. 3172
Corthout, J. 7026
Cortner, H. J. 2868
Cosson, L. 7498
Cost, N. D. 6887
Costa, L. M. da 790
Costa, N. de L. 2366
Costa, N. M. de S. 4820
Costa Rica, Centro Agronómico Tropical de Investigación y Enseñanza 4577
Costales, A. B. 553
Costales, E. F., Jr. 553
Costantini, A. 3447, 3453
Costello, L. R. 6514
Côté, B. 2124
Coté, G. G. 2913
Cothran, M. 2799
Cottam, D. A. 6951
Cotterill, P. P. 6495
Cottignies, A. 6936
Couillard, D. 1264
Couillard, L. 3602
Coulson, C. L. 8137
Courraud, R. 3251
Court, A. J. 2094
Court, D. 6766
Cousen, G. 6345
Couto, H. T. Z. do 953, 7657
Coutts, M. P. 877, 5015, 5801
Covassi, M. 8069
Covington, W. W. 871
Cowan, D. P. 2432
Cowan, P. E. 5344
Cowie, R. H. 7186
Cowles, J. R. 6205
Cox, G. C. 7139-7140
Cox, O. 5484
Cox, R. M. 3637
Cox, T. R. 1809
Cozens, R. D. 3118
Crabb, A. C. 6667
Crabb, T. B. 3464
Crabtree, J. R. 3313
Craig, I. A. 4636
Craig, I. E. 258, 4938
Craig, T. P. 5960
Crain, R. C. 2913
Cramb, R. A. 3190
Cranshaw, W. S. 6542
Craven, L. A. 2269
Crawford, R. H. 5599
Crawford, R. M. M. 7904
Crecelius, T. 5692
Crepet, W. L. 387, 400, 2283
Crestana, C. de S. M. 651, 3763, 4548
Creuzet, S. 2227
Crews, J. T. 7133
Crivellato, E. 6093
Crock, M. J. 7791
Crofskey, L. 6039
Croft, J. R. 3476
Croft, K. D. 7846
Croghan, C. F. 1051
Croker, T. C., Jr. 7440
Cromack, K. 743
Cromack, K., Jr. 3041, 5271
Crome, F. H. J. 6002
Cronan, C. S. 3599, 7729
Cronenwett, D. 7412
Cronin, J. T. 7215
Cronjé, A. 7875
Cropper, W. P., Jr. 1200
Cros, E. T. du 4606
Cross, G. G. 1531
Cross, J. 4606
Crossley, D. A., Jr. 5299
Crosson, P. R. 6676
Crouch, G. L. 671, 694, 5998
Crous, P. W. 4443, 5899
Crow, T. R. 595, 4813
Crowson, R. A. 7911
Crowther, J. 603
Crowther, R. E. 668
Croxdale, J. 2781
Crozier, A. 6944
Cruz, I. I. da 878, 1035
Csányi, S. 5779
Csesznák, E. 4681
Cuba, Comité Estatal de Normalización 3261, 7587
Cubbage, F. W. 40, 224-225, 1182, 1768
Cuddihy, L. W. 7091
Cuenca, G. 3978
Cuevas, E. 3614
Cuguen, J. 1033
Cui, J. R. 506
Cui, K. M. 325, 852
Cui, S. Y. 4477
Cumana, L. J. C. 887, 894
Cumberland, G. 6038
Cumming, J. R. 3627-3628
Cummings-Carlson, J. E. 278
Cunia, T. 18-19, 1169, 4613, 6682
Cunningham, G. R. 6613
Cunningham, J. 2812
Cunningham, J. C. 1680, 7264
Cunningham, J. E. 5281
Cunningham, M. W. 1277, 3841
Cunningham, R. 3634
Cunningham, R. A. 2516
Cuomo, C. J. 7552
Currado, I. 5349
Curran, P. J. 2083
Curran, W. J. 68
Curtis, D. S. 6121
Curtis, G. A. 4993
Curtis, R. O. 5606
Cushon, G. H. 8082
Cutler, A. J. 3607
Cutler, D. F. 1394, 6654
Cuyper, B. de 3003
Cwynar, L. C. 2999, 4379
Czart, J. 6820
Czechoslovakia, Úřad pro Normalizaci a Měřeni 1151
Czygan, F. C. 4353, 5082, 7046-7047
Da Silva, W. S. 1440
Daalen, J. C. van 5794
Dąbrowska, E. 7269
Dada, A. O. 636
Daddy, F. 531
Dadhwal, K. S. 1712, 1778
Dadwal, V. S. 5283, 5330, 7999
Dafis, S. 114
Dagan, C. Bernard- 5460
Dagar, H. S. 2016
Dagar, J. C. 2016
Dagenbach, H. 7494
D'Agliano, G. 1251
Dagne, E. 3729, 7019
D'Agostino, M. 3700
Dahlsten, D. L. 5307
Dahms, K. G. 302, 1454, 3308
Dai, Q. H. 1588, 2981
Dai, S. F. 4989
Dai, X. G. 5302
Dai, Y. S. 471
Dakev, T. 3411
Dale, J. W. 4472
Dale, R. W. 5598
Dale, V. H. 2311, 4862
Dalet, F. 1936
Daletskaia, T. V. 1227
Dalmacio, M. V. 3349-3350, 5656
Damerval, C. 4417
Damschroder, L. J. 730
Dana, M. N. 4247
Danbury, D. J. 6701
Dancé, J. 7614
Dancik, B. P. 1019, 2352, 3833, 5231, 5282, 5856
Dandekar, A. M. 3850
Danell, K. 533, 5365
Dangerfield, C. W., Jr. 7333
Daniel, J. N. 6626
Daniel, O. 3764, 5640
Daniel, P. A. 7708
Daniel, T. C. 6637
Daniels, W. L. 1113
Danielson, R. M. 796
Danilin, M. A. 1341
Dannenhoffer, J. M. 1483
Danso, S. K. A. 1941
Dantas, M. 805
D'Antonio, M. C. 638
Daoust, G. 23, 4730
Dar, G. H. 2399
Darling, L. M. 3391
Darmono, R. 2672
Darmstadter, J. 6676
Darnhofer, T. 1781
Darrall, N. M. 6668
Dart, P. J. 2369
Darvill, A. G. 5071
Daryono, H. 1958
Das, A. K. 5949
Das, B. 3717, 6029
Das, B. L. 3174
Das, D. K. 3479, 3681-3682, 3774
Das, N. 4918
Das, P. K. 865
Dashek, W. V. 1638, 2261
Dass, H. C. 1265
Dässler, H. G. 4354
Date, R. A. 7126, 7993
Daterman, G. 2459
Daterman, G. E. 3100
Datta, P. C. 882
Dauber, E. 1171
Daughtrey, M. L. 5288
D'Auria, J. M. 6234
Dave, Y. S. 3679
Davey, S. M. 5352
David, A. 83, 1919
David, H. 83
David, H. J. 6272
David, M. B. 2102, 2125, 3586
Davidson, E. A. 267
Davidson, J. 4678
Davidson, J. A. 7274
Davies, D. 6984
Davies, H. 1928
Davies, H. L. 668
Davies, R. J. 673-674, 681, 1270, 1293, 1300, 1694
Davies, W. J. 4275
Davila, D. 2855
Davioud, E. 3707
Davis, A. W. 4880
Davis, C. J. 4219
Davis, F. W. 4373, 5577
Davis, J. B. 5472
Davis, J. M. 5552
Davis, M. B. 587, 6463
Davis, M. L. 2312
Davis, M. R. 6981, 7538
Davis, T. A. 6994
Davison, A. W. 7750-7751
Davison, E. M. 2193

Dawidowicz-Grzegorzewska, A. 2629
Dawson, J. O. 10, 2124-2125, 2369, 7888
Dawson, R. J. 542
Day, K. R. 3913, 4455
Day, R. J. 6194
Dayal, R. 5016
Dayan, M. P. 448, 2386
Dayanto Indro Utomo 6728
Dayrit, F. M. 2892
De Almeida, A. A. 3084
De Baar, M. 4485
De Feo, V. 3700
De Geyter, L. 6721
De Giovanni, G. 3088
De Groot, P. 3217
De Groot, W. J. 4991
De Guzman, E. D. 5928
De Kartzow, A. 1785
De la Vega, F. Tome 1082
De Los Angeles, M. S. 6026
De Los Reyes G., H. 1998
De Los Reyes Gorena, H. 1998
De Miranda, R. A. C. 1440-1441
De Roose, D. 7044
De Silva, D. 1841
De Silva, N. T. M. H. 8146
De Simone, F. 3700, 7024
De Vos, L. 7044
De Vrie, M. van 5965
De Vries, P. J. 3890
Dean, M. G. 6042, 6047
Deans, J. D. 4955-4956
Dearden, P. 4004, 6120
DeBald, P. S. 5619
Debarr, G. L. 4505
Debaud, J. C. 5252
DeBell, D. S. 3394, 3464, 5550, 5703, 6244, 6277, 7978
Debergh, P. C. 6163
Debray, M. M. 3707
Decei, I. 5642
Dedolph, R. R. 1917
Dedon, M. F. 1330
Deegen, P. 6099
DeGange, A. R. 6004
DeGraaf, R. M. 5367
DeHayes, D. H. 628
DeHond, P. E. 1621
Dei, G. J. S. 7324
Deidda, P. 1248
Deki, T. 7642
Dekker, T. G. 903
Del Pozo, A. 7334
Delaude, C. 5047
Delaveau, P. 3707
Delfs, J. 1720
Delfs, M. 582
Delgado, A. I. 7970
Delisle, G. P. 4999
Delkov, N. 2195, 3337
Dell, B. 462, 5884, 7021
Delobelle, J. P. 2108
Delorme, D. 6590
Delseny, M. 1391
DeLucia, E. H. 4133, 7888
Delwaide, A. 2994
Demarcq, P. 1217
DeMars, C. J. 2011, 2433
DeMars, D. J. 3520, 5670
DeMason, D. A. 6420
Dembner, S. A. 2590-2591, 3950
Demeterio, J. L. 8154
Demmers, C. 5027
Demmig, B. 6418
Demmig-Adams, B. 7046-7047
Demolis, C. 1286
Dempster, W. R. 6975
Demuner, N. L. 4449
Den, D. S. 8014
Den, W. H. 2542
Den Berg, C. A. van 4514
Den Boer, P. J. 3087
Denamany, G. 8131
Denecke, F. 8149
Denevan, W. M. 5453
Deng, G. G. 107
Dengler, N. G. 1484
Denmark, Danish International Development Agency 2603
Denne, M. P. 1468
Denninger, W. 3397-3399, 3645
Dennis, S. 3959
Denslow, J. S. 4588
Denson, C. H. 4238
DePamphilis, C. W. 2310, 2353
DePass, A. L. 2913
Dereuddre, J. 6164
Deroin, T. 2882
Deryagin, V. T. 6807, 6809
Deshmukh, I. 2553, 3220
Deshmukh, S. N. 5386
Deshpande, B. P. 4344
Deshpande, V. Y. 6247
Desponts, M. 6371
Dessureault, M. 2363-2364
Destefani, J. C. 712-713
Détienne, P. 7633, 7807
Detlefsen Rivera, E. G. 8144
Dettner, K. 564
Deus, R. 7933
Deusen, P. C. van 594, 6303, 7662
Devall, M. 5190
Devaranavadagi, S. B. 1733, 2546
DeVelice, R. L. 7936
Devi, S. 901, 906
Devineau, J. L. 1345
Devitt, W. J. B. 5237
Devroy, M. K. 5949
DeWalle, D. R. 2500, 2503, 6607
Dewan, M. L. 6024
Dewey, F. M. 483
Dewispelaere, W. 221
Dexheimer, J. 5878
DeYoe, D. 2677
DeYoe, D. R. 5095
Dezzeo, N. 5216
Dhamdhere, S. V. 7238
Dhamodaran, T. K. 1467, 3654
Dhanani, S. 7436
Dhar, K. L. 3698
Dhara, K. P. 3738
Dhawan, V. K. 4723
Dhillon, S. S. 2338
Dhiman, S. C. 5304
Dhiman, S. D. 5304
Dhukia, R. S. 1739
Dhyani, P. P. 2252
Dhyani, S. K. 1712, 1778
Dias, A. C. 953, 1119-1120
Dias, D. A. 1503, 7834
Diaz, A. M. P. de 1501, 1524
Díaz, L. E. 3187
Díaz, M. 7539
Diaz, T. 4722
Diaz D., P. P. 1501, 1524
Díaz-Sala, C. 1910
Díaz-Vaz, J. E. 6363, 6393-6394, 7812-7813
Dibble, E. 5368
Dick, M. 1636
Dickie, J. B. 5542
Dickinson, K. J. M. 1013, 2316
Dickinson, R. E. 5385
Dickison, R. B. B. 4900
Dickison, W. C. 324, 7912
Dickman, A. 2188
Dickmann, D. I. 1981
Dickson, J. F. 4772
Dickson, J. G. 5469
Dictus, K. 2827
Diem, H. G. 2372, 7988
Dietl, H. 4043
Dietrich, J. T. 6644
Dietz, A. 3316
Diezel, T. 2243
Diggelmann, A. 6106
Dighton, J. 2826, 3270
Dijk, M. P. van 3967
Dillon, J. 4758
Dills, K. L. 4094
Dimitri, L. 2479, 2604
Dimitriou, C. 3894
Dimitrov, E. P. 2166-2167
Dimla, R. S. 3352
Dinerstein, E. 5823
Ding, H. J. 451, 3044
Ding, J. H. 3083
Ding, P. 7288
Ding, Z. R. 506
Dionísio, J. A. 2366
Dipak Sarkar 2520
Dipankar Saha 5422
Dippon, D. R. 4765
Dirks, H. 5055
Dirr, M. A. 3245
Dirzo, R. 1824, 2297
Dissescu, G. 5945
Dissescu, R. 5834
Dittmar 8059
Dittmar, O. 756, 1280, 1348, 3333, 4079, 4164, 6243
Dittrich, K. 6287, 6290
Dix, B. 3647
Dix, M. E. 2412, 6527, 8041
Dixon, E. A. 3106
Dixon, I. B. 1226
Dixon, J. A. 1706, 3167
Dixon, K. R. 4523, 4527
Dixon, R. K. 29, 6192
Dizengremel, P. 6949
Djailany-Syafii, U. R. 4888
Djaingsastro, N. 1989, 7568
Djamaan, D. 2533
Djapilus, A. 1961
Dmitriev, A. S. 2698
Dobhal, N. P. 5068-5069
Dobler, D. 7895
Dobrev, R. 3364
Dobrochinskaya, I. B. 7202
Dobson, M. C. 5085, 5740
Dochinger, L. S. 2149
Dodd, M. C. 2205, 4091
Dodd, R. B. 6822
Dodge, S. L. 4916
Dodson, C. D. 1548
Doeg, T. J. 4293
Doggett, C. A. 1657
Dogra, P. D. 4677
Dolan, A. G. 1149, 2572-2574
Dolci, M. 4335
Doley, D. 2156, 2249
Dolman, A. J. 2491
Dolmans, M. 3082
Dolph, K. L. 3521
Dolph, R. E. 4472
Dolui, A. K. 4918
Domenach, A. M. 2127, 7985
Domínguez, X. A. 7836
Domínguez-Cadena, R. 4387
Dominy, S. W. J. 4778
Dommergues, Y. R. 2372, 7988
Dommisse, R. 7026
Domont, P. 6106
Donald, D. G. M. 94, 5560, 6767
Donath, H. 7176
Donati, P. A. 5444
Dong, M. S. 76
Dong, N. 7507
Dong, S. R. 5371
Dong, Y. 5020
Dong, Y. J. 1561
Dong, Z. Q. 293
Donnelly, G. T. 5213
Donnelly, J. G. 6806
Donnelly, P. M. 1484
Donoso, C. 6140, 6500, 7475-7476, 7933
Donoso Z., C. 6475-6476, 6507
Doo, P. C. 507
Dool, M. van der 1864
Doolittle, J. A. 7620
Doolittle, L. 6890
Dorairaj, S. 2901
Doraisingam, M. 642
Doran, J. C. 1224, 7979
Dorel, F. G. 7715
Döring, R. 6591
Dorney, C. H. 2290
Dorney, J. R. 2290
Dorofeev, A. N. 6826
Dorr, L. J. 5155
Dorsch, M. 1830
Doskey, P. V. 6367
Douce, R. 2939, 4347
Doucet, R. 150, 1290, 6663, 7448
Doud Miller, D. 4083
Douda, V. 4291
Dougherty, P. M. 3459
Dougherty, R. L. 4033-4034
Doumitt, R. 4598
Dourojeanni R., M. 8152
Dove, M. R. 8158
Dowling, R. M. 3009
Down, C. G. 1786
Downard, R. B., Jr. 3612
Downer, J. A. 3893
Downes, G. M. 7712
Downing, A. J. 873
Downing, B. H. 5984
Dowsett, S. 7165
Dowsley, B. J. 6859-6860
Draaijers, G. P. J. 2155
Dramé, A. 6530
Dransfield, J. 2982
Dransfield, S. 1590-1591
Draper, S. 4590
Draxler, G. 3684
Drechsel, P. 875, 3177, 6384
Dreistadt, S. H. 5307
Drenkovski, R. 982
Drescher, A. 602
Dresen, H. 3728
Dress, P. E. 1837
Dring, J. V. 7872
Drinnan, A. N. 1470-1471, 5028
Driscoll, C. T. 2849, 3599
Driver, C. H. 5888
Drogosz, S. 6774
Dronen, S. I. 2502
Drooz, A. T. 1075, 1657
Drosopoulos, S. 3894
Dry, F. T. 1728
Du, H. L. 3060
Du, Y. 1499
Du Toit, A. P. 3918
Du Toit, J. T. 8092
Duan, G. N. 478
Duan, S. Y. 968
Duan, Y. B. 504
Duarte, A. 7997
Dube, D. E. 7448
Dube, S. 5791
Dubé, Y. C. 4649
Dubey, P. S. 1429
Dubois, N. R. 8085
Ducci, F. 630
Duchesne, L. C. 480, 3058
Duchhart, I. 1779, 4013
Ducros-Gambart, D. 1376
Duda, J. 6774
Duddeck, H. 7016, 7035
Dudek, C. 6861
Duff, G. K. 2282
Duguma, B. 2620, 3388, 6135, 6187
Duh, M. H. 6415, 6966
Dujesiefken, D. 4323, 4977, 8176
Duke, N. C. 5778
Dulsalam 4302
Dumas, C. 933, 2265, 2946
Dumchyus, O. V. 5961
Dumroese, R. K. 2627, 6513
Duncan, R. W. 1664
Duncan, W. F. A. 3662
Dungan, J. L. 2083
Dunham, K. M. 2805
Dunkelblum, E. 8042
Dunlap, J. 1953
Dunlap, T. R. 4662
Dunlop, C. R. 989
Dunlop, D. A. 7086
Dunlop, J. D. 4637
Dunn, J. 2942
Dunn, J. E. 1545, 2897
Dunn, J. P. 3116, 6566

Dunn, W. W. 6872, 8141
Dünnbier, H. 4168
Dunningham, A. 3290
Dunstan, D. I. 83, 3607, 4738
Duntemann, M. T. 4670
Dunwiddie, P. W. 4378
Dupper, G. 2335
Duraisamy, N. 3374
Durall, D. M. 885
Durand, B. 6265
Durand, J. M. 3554
Durigan, G. 3809, 8122
Dürrstein, H. 4614, 6314
Dury, S. 4639
Durzan, D. J. 1246, 1256, 1925
Dutra, R. de C. 3672
Dutt, A. K. 6778
Dutta, D. R. 4914
Dutta, S. K. 1460
Dutton, D. 1953
Duvall, D. 5362
Duxbury, J. M. 4304
Dwivedi, S. P. D. 896, 905
Dwyer, J. D. 6452-6453
Dwyer, J. F. 2556, 6641
Dwyer, J. P. 2004
D'yakonov, V. V. 1303
Dyck, J. R. 59
Dyck, W. J. 5706
Dyer, A. A. 5466
Dyer, A. T. 5904
Dyer, J. M. 6172
Dyer, M. E. 6094
Dymond, J. R. 7664
Eamus, D. 2258, 7750-7751
Eason, J. T. 5100
Easterling, W. E., III 6676
Eastmond, D. A. 4317
Eav, B. B. 8003
Ebenritter, S. 4323
Eberhardt, J. 4972
Eberhardt, J. C. 4752, 4972
Ebinger, J. E. 2275, 2313-2314
Eby, J. R. 4527
Echevarria, E. 8076
Echevarria, E. Z. 7970
Echeverri, J. D. 1856
Echols, R. J. 6798
Eckerberg, K. 4556
Eckersten, H. 6350
Eckhardt, G. 896, 905
Eckmüllner, O. 6301
Eckstein, D. 4019
Economou, A. J. 5643
Eddleman, L. E. 4834
Edelmann, M. 1937
Edgar, J. G. 4153
Edminster, C. B. 1222, 4861, 5946
Edmonds, R. L. 4917, 5888, 8005
Edmondson, N. 6992
Edwards, D. G. 7732
Edwards, D. G. W. 5538
Edwards, I. 6023
Edwards, I. K. 70, 99
Edwards, J. L. 3371, 6823
Edwards, M. B. 6208
Edwards, M. B., Jr. 680
Edwards, P. J. 6607
Edwards, T. C., Jr. 2473
Edwards, T. L. 4465
Eenigenburg, J. E. 4647
Effendi, R. 112
Egan, V. M. 7286
Eggen, D. A. 502
Eggen, D. L. 706, 3475
Eggenberger, M. 3164
Egger, H. 5442
Egger-Spidlen, K. 5442
Eggert, J. 4062
Egorenkov, M. A. 7575
Egorov, A. B. 6202
Ehleringer, J. R. 2250
Ehrenfeld, J. G. 2860
Ehrenstein, G. 2965
Ehrentreich, H. P. 2585
Ehrig, F. 7749
Ehui, S. M. 1846
Eiberle, K. 2469
Eidmann, H. H. 6564, 7229
Eidt, D. C. 523
Eis, S. 1898
Eisenwiener, U. 7191
Eitemiller, D. R. 5395
Ejiri, S. I. 2917
Ek, A. R. 21
Ek, H. 3857
Ekanade, O. 2791
Ekblad, A. 2128
Ekisola, O. F. 2111
Ekurebelam, S. A. 697
Ekvall, H. 2068
El-Bayoumi, M. A. 2318
El-Hadidi, M. N. 1146
El-Hassen, B. A. 4755
El-Iman, Y. M. A. 1551
El-Kassaby, Y. A. 1020, 5237
El-Lakany, M. H. 1867, 7487-7488
El-Moslimany, A. P. 972
El-Nour, M. 4755
El-Sanousi, S. 3735
El-Shabrawy, A. O. 2891
El-Shamy, A. M. 2891
El-Siddig, E. A. 4832
El-Wahab, S. A. 5043
Elam, W. W. 6731
Elblová, M. 3577
Eldridge, K. G. 7979
Eldridge, R. H. 7246
Eleftheriadis, N. 6067
Eler, U. 5608
Eleršek, L. 7111
Elfving, B. 151
Eliáš, P. 1648, 3061
Eliasson, L. 1911
Elisabetsky, E. 4825
Elkinton, J. S. 3091, 8089
Ella, A. 1318
Ella, A. B. 4180
Ellefson, P. V. 1184, 4052
Ellenberg, H. 6076, 6592
Ellies, A. 7303
Elliott, L. 3000
Elliott, L. F. 6972
Elliott, R. 7595
Ellis, B. E. 480
Ellis, N. W. 8044
Ellis, R. C. 4127
Ellis, R. H. 5542
Ellis, R. M. 1086
Ellmore, G. S. 5432, 6420
Elmi, A. M. 6079
Elouard, C. 5266
Elsegood, C. L. 7021
Elsheikh, E. A. 5002
Elvizar 2484
Elz, D. 4590
Embree, D. G. 520
Emmingham, W. H. 3456, 6235
Emond, F. J. 5300
Endler, W. 5117
Endler, Z. 2287
Endo, J. 1105, 1107, 1704
Endress, M. E. 7913
Endress, P. K. 5158
Enebak, S. A. 6771
Energy/Development International 1118
Enescu, V. 4740, 4740, 5546
Eng, G. 6522
Engberg, M. 4771
Engelen, D. 409
English, S. 2241
Enoki, M. 3304
Enright, N. J. 4135
Enríquez, G. A. 3974
Ensing, J. 4944
Entry, J. A. 3041
Entwistle, P. F. 6550
Eom, Y. G. 327, 7821
Epila, J. S. O. 4543
Epperson, B. K. 1618
Equihua-Martinez, A. 4483
Erbacher, C. 3911
Erdelmeier, C. A. J. 7036
Erdelský, K. 6756
Erdmann, A. 1433, 5747
Erdmann, G. G. 4813
Erdős, L. 7320
Erhart, D. W. 4897
Erickson, N. E. 2523
Ericsson, M. 4453
Ericsson, T. 4128
Eriksson, G. 2844
Eriksson, L. 6845
Eriksson, T. 3837
Erizal 6728
Ermakov, I. V. 7739
Ermel, K. 2905, 3701
Ermolova, L. S. 2
Ernst, R. L. 145
Ernst, S. G. 3385, 7503
Ernstberger, H. 7294
Errero, Kh. 3945
Erstad, A. 3335
Ertel, K. A. 4675
Erteld, W. 701
Esau, K. 6654
Escalada, R. G. 5929
Escalante F., E. E. 8153
Escalente, G. 3978
Esch, A. 2145
Eschrich, W. 913, 2958
Escobar, B. 6140, 6476, 7475-7476
Esmans, E. 7026
Espadaler, X. 2411
Espelie, K. E. 2441
Espino, C. 1405
Espinoza de Pernia, N. 7832
Espinoza P., L. 560
Essex, S. J. 4560
Essig, D. 1421
Essig, F. B. 7067
Estabrooks, G. F. 160, 520, 6263
Estal, P. del 7167
Esumi, J. 737
Etejere, E. O. 7884
Etse, J. T. 1523, 7856
Eugene, C. 4828
Eungwijarnpanya, S. 2418, 2437
European and Mediterranean Plant Protection Organisation 6804
Evans, D. 7331
Evans, D. L. 4883
Evans, H. F. 2465
Evans, H. J. 7181
Evans, J. 668, 877, 1294, 4606
Evans, J. C. 5984
Evans, M. I. 5420
Evans, P. 7370
Evans, P. A. 3319
Evans, R. A. 4717, 5672
Evans, W. C. 1551
Evans, W. G. 7206
Everett, R. L. 6924
Evers, F. H. 839, 1261, 7758
Eversman, S. 3280
Everson, D. O. 503
Evertsen, J. A. 4981
Evidente, A. 2394
Evrard, C. 980
Ewald, C. 6355
Ewald, D. 2635, 4101, 4348
Ewel, J. J. 4651, 4923
Ewel, K. C. 1200
Ewers, F. W. 5280, 7153
Exner, R. 783
Experientia 6375
Eyini, M. 2322
Eyog-Matig, O. 8150
Eyre, L. A. 4138
Eyüboglu, A. K. 5655
Ezcurra, E. 4456
Ezell, A. W. 1990, 6798
Ezenwa, M. I. S. 791
Fabbio, G. 663
Faber, P. J. 7563
Fabijanowski, J. 2686, 2987
Façanha, J. G. V. 7493
Faccioli, G. 3140
Facelli, J. M. 6787
Fadeev, E. V. 543
Fage, J. P. la 3076
Fagg, P. C. 4788, 6230
Fagundes, M. de A. 746
Fahey, T. D. 5609-5610, 6242
Fahey, T. J. 2123
Faiman-Silva, S. L. 4664
Fairweather, J. R. 1199
Fairweather, S. E. 2040
Faizi, S. 5044, 5049
Fajmonova, E. 5845
Fajto, A. 7810
Falanruw, M. C. 219-220, 6894-6896
Falardeau, H. 5573
Falaye, A. E. 546
Falconer, J. 3960, 8136
Falk, S. P. 486, 3872, 5893
Falkengren-Grerup, U. 864
Falkenhagen, E. R. 1614-1615, 7967
Fall, R. 2954
Falola, J. A. 3325
Falshaw, C. P. 1505
Famelis, T. V. 1380
Fan, F. H. 388
Fan, R. W. 2210
Fang, J. M. 1538, 3716, 7869
Fang, J. X. 2344, 4512
Fang, J. Y. 4833
Fang, Q. 4266
Fang, S. Y. 4467, 7211
Fang, W. 883
Fang, X. P. 7839
Fang, Y. K. 6197
Fankhänel, H. 4510
Fankhauser, A. 6319, 7678
Fanning, P. K. 5509
Fanta, J. 6478
Farah, A. Y. 6834
Fare, D. C. 5100, 7378
Faria, S. M. de 7127
Farjon, A. 5144-5145
Färkkilä, M. 4063
Farley, D. A. 7307
Farmer, M. C. 1394
Farmer, R. E., Jr. 1031-1032
Farnum, P. 3606
Farquhar, G. D. 1571
Farr, D. F. 7133
Farr, W. A. 5697
Farrar, R. M., Jr. 6855
Farrell, J. 5402
Farrish, K. W. 7620
Farrukh Hafeez 3694
Fashler, A. M. K. 5237
Fassbender, H. W. 3208, 3264, 3972, 3976, 6048
Fathi-Ettai, R. A. 6931
Fatima, I. 6407
Fatima, N. 7598
Fatunde, A. A. 4660
Favilli, F. 4428
Favre, J. M. 2928
Favre-Bonvin, J. 3733
Fayyaz Aslam 6427
Fearnside, P. M. 1129, 4998
Febles, G. 3187
Fechner, G. H. 6414
Federer, C. A. 3526, 6072
Fedets, I. F. 7534
Fedi, I. D. 7059
Fedorov, E. A. 2140
Fedorov, N. I. 4450-4451
Fedosejevs, G. 214
Fedosov, S. A. 7253
Feduccia, D. P. 6870
Feely, J. E. 3266
Fehér, S. 5751
Fehmeeda Khatoon 352
Fei, H. M. 5098
Feigner, S. D. 2700
Feij, A. E. 3844
Feiler, S. 2952
Feirer, R. P. 354
Feiveson, A. H. 4235
Fekete, G. 3810
Feldhamer, G. A. 2471
Felício, J. d'A. 1519
Felix, E. N. 3944
Felker, P. 4849, 5660
Feller, C. 7786
Feller, M. C. 4997
Fellows, L. E. 7872

Fellows, S. 3628
Feng, F. L. 186, 2758, 2764, 6857
Feng, J. 6233
Feng, J. C. 131
Feng, J. G. 3138
Feng, J. H. 7170
Feng, X. Z. 2910
Fengel, D. 1555
Feo, V. de 3700
Ferguson, D. E. 7102, 7208, 7401
Ferguson, D. K. 3781
Ferguson, I. S. 3195
Ferguson, R. 3939
Ferguson, R. B. 5668
Ferguson, S. H. 3939
Ferm, A. 5013, 6207
Fernandes, J. B. 2919
Fernandes, J. C. 3623
Fernandes, P. de S. 659, 667, 712-713, 856-858, 4179
Fernández, A. 8076
Fernandez, J. 2786
Fernández, M. C. 335
Fernandez, M. R. 5920
Fernández, R. A. 6969
Fernandez, V. A. 5404
Fernandez-Caldas, E. 1554
Fernando, E. S. 2874
Fernbach, E. 7052
Ferrandino, F. J. 4957
Ferrar, P. J. 910
Ferrara, A. 1803
Ferrari, C. 392
Ferrari, F. 3704
Ferraz, E. S. B. 750
Ferreira, A. G. 2919
Ferreira, D. 1534, 7875-7876
Ferreira, F. A. 3882
Ferreira, J. E. M. 3330
Ferreira, M. 7397
Ferreira, M. C. 659, 667, 858
Ferreira, Z. S. 1502
Ferrell, G. T. 1070, 2433, 2443, 4497, 4499-4500
Ferrera-Cerrato, R. 5875
Ferret, B. 1275
Ferro, E. 3696, 4182-4183
Fetcher, N. 1824, 2255, 4902, 5090
Feucht, J. R. 5440
Feucht, W. 5790, 6422
Feuillet, C. 6907
Fewin, R. J. 2509
Ffolliott, P. F. 7640
Fforde, A. 1853
Fichter, B. L. 3041
Fiddler, G. O. 110, 132
Fiedler, F. 1339
Fiedler, H. J. 367, 927, 2833, 2850, 3395-3396, 4246, 4277-4278, 4284, 6176, 6179, 6346, 6361, 7749
Fiedler, L. 5395
Field, J. E. 198
Field, R. C. 6315
Fielding, N. J. 4489
Fife, A. J. 2316
Fight, R. D. 5609-5610, 6242
Figliolia, M. B. 631, 3357-3359
Figueroa, H. 6382
Figueroa, P. F. 134
Figueroa Colón, J. C. 7396
Figueroa S., H. 6382, 6477
Filatov, A. A. 2071
Filer, T. H. 661
Filer, T. H., Jr. 2164
Filion, L. 1697, 2994
Filip, G. M. 5865, 5908
Filipek, Z. 6774
Filius, A. M. 4013
Filkowa, B. 3007
Fillatti, J. 2335, 5858
Fillatti, J. J. 2355
Fimbel, R. A. 7117
Finch, S. J. 2501
Fincher, J. 3627-3628
Finer, J. J. 82
Finér, L. 3500
Fineschi, S. 5246
Fink, S. 3611, 5116
Finlay, R. D. 454, 3857
Finlayson, W. 1818
Finley, S. 5335
Finn, J. T. 4549
Fins, L. 6173
Fiorino, P. 4715
Firestone, M. K. 7698
Firn, R. D. 6555
Firth, A. 4701
Fischer, B. C. 6779
Fischer, E. 6764
Fischer, H. 4105
Fischer, H. U. 7254
Fischer, J. W. 6772
Fischer, W. C. 5192, 5463
Fisher, D. G. 5037
Fisher, J. B. 6992
Fisher, R. F. 4856, 5250
Fiskesjö, G. 2808
Fitzgerald, J. W. 6917
Fitzgerald, R. D. 7284
Fitzgerald, S. 6226
Fitzhugh, E. L. 5846-5847
Fitzpatrick, J. W. 6004
Fitzsimons, B. 4606, 4798, 5010
Fiveash, J. 6489
Fleder, W. 4167, 7580
Fleet, G. W. J. 7872
Fleischer, S. 2162
Fleischer, S. J. 6590
Fleming, L. E. 6642
Fleming, R. 528
Fleming, R. L. 2631, 6223
Fletcher, M. S. 6594
Fletcher, R. A. 1995
Fletcher, V. E. 3507
Flinn, B. S. 84, 4720, 4739
Flinn, D. W. 4143
Flinn, M. A. 5207
Flint, A. L. 4633
Floc'h, E. le 2694
Flöhr, W. 5477, 6228
Florence, E. J. M. 4429, 5267
Florence, L. Z. 5231
Flores Paitán, S. 5453
Floret, C. 2694
Floret, J. J. 1585
Flotho, U. 6362
Flower, F. B. 1715
Flowers, P. J. 6866
Floyd, M. L. 6832
Flückiger, W. 1062, 3761
Fober, H. 7725
Focardi, L. 4058
Fodor, S. 5955
Foerst, K. 2638
Foerster, L. A. 3090
Fogal, W. H. 525
Foissner, W. 3059
Fojt, V. 4186
Foley, G. 1841, 4591
Foliaki, S. 5923
Foltz, J. L. 2419, 6565
Fong, F. 81
Fong, H. H. S. 7036
Fonseca, A. F. de S. 830
Foo, L. Y. 1525, 1537, 1544, 1559, 3709, 3718, 7855, 7862
Food, E. D. 4037
Food and Agriculture Organization 3262, 6112, 6691
Fookes, C. J. R. 3720
Ford, C. W. 7595
Ford, L. B. 512, 6673
Ford, R. H. 2312
Fordham, A. J. 2644, 3236
Forenza, D. 6305
Foresta, H. de 7955-7956
Fornasiero, R. B. 5024
Forni, E. 6385
Foroughbakhch, R. 7464
Forrester, N. 4260
Forschler, B. T. 4508
Forst- und Holzwirt 1428
Forster, B. 2782
Förster, M. 5616
Forster, S. 3492
Fortin, J. A. 464, 4742-4743, 4786-4787, 7128
Fosberg, M. A. 786
Fossitt, J. A. 5838
Foster, G. S. 3025, 6496
Foster, J. R. 962
Foster, N. W. 3636, 3639, 6919
Foster, R. B. 2295
Foulquier, M. 7498
Fountain, D. W. 6681
Fountain, M. S. 7098
Fouque, A. 7795
Fourie, T. G. 903
Fowler, D. 4907, 4955-4956
Fowler, D. K. 637
Fowler, D. P. 438, 5523, 7448
Fowler, G. W. 730
Fowler, L. J. 637
Fowler, W. B. 3944, 5756
Fox, C. A. 4397
Fox, D. G. 5423
Fox, J. E. D. 1226
Fox, R. L. 3852
Fox, T. R. 2001
Fozdar, B. I. 7843
Fraedrich, S. W. 4436
Fraga, A. I. A. 3906
Framond, H. de 6112
Frampton, L. J., Jr. 1916
France, Centre National du Machinisme Agricole, du Génie Rural, des Eaux et des Forêts 7393
France, Laboratoire de Protection des Végétaux, Enita de Bordeaux 1669-1671
France, R. C. 1050, 4087
Franch, J. 2411
Franci, O. 5986
Francis, J. K. 799, 1331, 1977
Francis, P. A. 1187
Francis, R. E. 995, 7935
Francke, W. 3110, 3115, 3911
Franclet, A. 4129
Franco, C. 4821
Franco, L. 4182
Franco, L. H. 1856
Franich, R. A. 1527
Frank, C. L. 8084
Frank, T. D. 3562
Franke, A. 7494, 7870
Franklin, D. 4690
Franklin, J. 394
Franklin, J. F. 5713, 7092
Franklin, S. E. 5690
Franks, E. C. 4896
Franson, S. E. 4324
Franz, F. 2816
Fraser, G. A. 47, 273, 4672
Fraser, J. 6124
Fraser, J. B. 3893
Fraser, R. S. S. 3315
Fraser, T. 7860
Fraval, A. 6552, 7199, 8051
Frederick, D. J. 909, 1346, 6847
Fredericks, S. E. 5948
Freer-Smith, P. H. 5740
Freiberg, I. A. 3530
Freire, R. A. L. 746
Freist, H. 7433
Freitag, S. 3564
Freitas, A. J. P. 2639
Freitas, M. C. P. G. de 330, 3689
Freitas, M. L. D. de 5465
Frelich, L. E. 5218, 7766
French, D. W. 8019
Frenzen, P. M. 5222
Frett, J. J. 1218
Frey, J. 4109
Frey, P. D. 759
Frey, W. 8119
Fridh, M. 2008
Fridley, J. L. 6271
Fried, J. S. 3021, 4307
Friedman, F. 947
Friedman, G. 1795
Frieswyk, T. S. 6604-6605
Friis, I. 380, 3006, 3221, 3769
Friol, P. 7621
Frisby, K. 8045, 8092
Fritsch, J. M. 8127
Fritsche, U. 2847, 7760
Fritts, H. C. 2566
Fritz, R. S. 5325, 5957
Fritzell, E. K. 1096
Fritzsch, R. 6251, 6258-6259
Frodsham, T. 3447
Froehlich, H. A. 3665
Fröhlich, H. J. 2601, 7964
Frohm, S. 4109
Fromm, J. 913
Frost, W. E. 7280
Fry, B. 2105, 6920
Frye, R. D. 6527
Fryrear, D. W. 3946
Fu, G. A. 938, 5829
Fu, G. B. 7270
Fu, H. E. 4077
Fu, J. M. 7971
Fu, M. Y. 2599
Fu, Y. Q. 4452
Fuchigami, L. H. 2949
Fuchs, A. D. 4631
Fuchs, M. 4621
Fucik, J. E. 2855
Fuertes, J. 1789
Führer, E. 4507, 6968
Führer, G. 916
Führich, M. 7805
Fujie, I. 192
Fujihara, Y. 417
Fujii, J. A. 6139
Fujii, Y. 46, 155, 1316
Fujioka, T. 898
Fujita, M. 319, 1474, 7409, 7823
Fujiwara, K. 3818
Fujiwara, M. 2075
Fujiwara, S. 257, 285
Fujiwara, T. 1475, 7823
Fukazawa, K. 1464
Fukiharu, T. 515
Fukuda, K. 6577, 8010, 8071
Fukuda, T. 337
Fukumoto, Y. 726
Fukumura, H. 7031
Fukushima, Y. 291, 1705
Fukuyama, K. 1674
Fulbright, D. W. 5280, 7153
Fuldner, R. 3468
Fulloon, M. G. 6504
Funada, R. 2963
Funasaki, G. Y. 6588
Funk, A. 4442
Funk, D. T. 6086
Fürlinger, W. 4529
Furlow, J. J. 2976
Furnier, G. R. 5856
Furnival, G. M. 6095
Furth, D. G. 1073
Furuno, T. 143, 248, 516, 2445, 2881, 7562, 8029
Furuta, K. 1655, 1674, 5919, 7231
Furutani, S. 1309, 7642
Furuya, T. 1535, 7497
Fushitani, M. 2963
Fusi, P. 6413
Fuss, S. 4121
Futai, K. 511, 515-516
Futty, D. W. 1724
Fuwape, J. A. 2940
G., B. 3366
G., B. E. 3842
Gad, A. E. 1795
Gadekar, H. L. 6710
Gadola, C. 776
Gadow, K. von 2725, 4221
Gadow, W. von 4126
Gaget, M. 933, 2946
Gagnon, D. 5202, 6913
Gagnon, K. G. 2658-2659
Gagnon, R. R. 5096
Gailhofer, M. 2877, 3685
Gaither, J. C., Jr. 5105
Gaiwe, R. 7012
Gajdošová, A. 79
Gajewski, K. 973, 2996
Galan, M. J. 2694

Galanov, V. N. 6824
Galarza, J. A. 7938
Galbraith, W. J. 2117
Gale, N. 4373
Galeano-Garcés, G. 7068
Galerne, M. 6164
Galford, J. R. 5938
Galiana, A. 7988
Galil, J. 5137
Gallagher, L. U. 4606
Gallardo, J. F. 3166
Galli, M. 5445
Galliot, M. 1393
Galloway, R. L. 4612
Galloway, T. D. 7232
Galons, H. 7498
Galoux, M. 7271
Galvin, J. D. 3492
Gamadid, I. D. 1349, 2061
Gamberini, G. 4722
Gamble, E. E. 7620
Gambles, R. L. 6204
Gamene, C. S. 6726
Gamlath, C. B. 2229
Gammadid, I. D. 1349, 2061
Gampe, S. 3163, 6100
Gan, L. T. 734
Ganchev, P. 3653
Ganesalingam, V. K. 3183
Ganeshaiah, K. N. 372, 5128
Gange, A. C. 4463
Gangopadhyay, S. K. 1444
Ganguly, S. K. 865
Ganguly, S. N. 7057
Ganin, G. N. 6334
Gansner, D. A. 2426, 5942-5943, 5970
Gao, M. C. 800
Gao, S. Z. 489
Gao, W. 4901
Gao, X. Y. 7406
Gao, X. Z. 5787
Gao, Y. 7113
Gao, Y. Y. 4310
Gao, Z. H. 2461
Gao, Z. M. 4151
Gao, Z. X. 539
Gapas, J. R. 5930
Gara, R. I. 2187
Garaj, P. 5995
Garbaye, J. 458, 1625, 7992
Garcia, A. 8076
Garcia, J. 3922
Garcia, J. M. 6578
Garcia, M. U. 5564
Garcia, O. 6868
García-Barrios, J. R. 3203
García Moya, E. 7719
Gardeström, P. 7848
Gardiner, B. A. 4189
Gardiner, J. B. H. 1300
Gardner, D. E. 127
Gardner, R. H. 4862
Gardner, T. J. 2111
Gargi Singh 930
Gargrave, T. 4670
Garlick, K. 1031
Garner, M. E. 4524
Garner, R. J. 6652
Garrett, H. E. 3420, 4745
Garrett, P. W. 6154
Garrido, L. M. A. G. 709, 2615
Garrido, L. M. do A. 692
Garrido, L. M. do A. G. 622, 692, 709-710, 1121, 2615, 3513, 3809
Garrido, M. A. 2615
Garrido, M. A. de O. 622-623, 692, 806, 861, 1121, 2615, 3809
Garrido, M. A. O. 623, 861
Garten, C. T., Jr. 3616, 6349
Gartlan, J. S. 958-959
Gartner, F. R. 3929
Gärtner, R. 7896
Garty, A. O. 2061
Garza, H. de la 6511
Gash, J. H. C. 5700
Gashoka, K. J. 6745
Gasson, P. E. 1394
Gast, S. J. 5323, 6558
Gastellu-Etchegorry, J. P. 1376
Gastine, F. 56
Gatama, D. 1781
Gates, D. M. 5097
Gates, H. 7209
Gatto, M. 956
Gaud, W. S. 5957
Gaudreau, D. C. 4380, 5169
Gauld, J. H. 1726
Gaumitz, B. 6117
Gauthier, S. 5202
Gavina, L. D. 5564
Gavinlertvatana, P. 4729
Gaweda, F. 3665
Gawn, L. J. 4983
Gay, G. 5252, 7501
Gay, L. W. 5253
Gayer, P. D. 5498, 5694
Ge, L. D. 2580
Ge, Q. J. 504, 2462
Ge, S. 7963
Geambaşu, N. 5576, 5724
Geary, T. F. 1277, 4124
Gebefügi, I. 7757
Gebel, J. 916, 4353
Gebhardt, K. 7515
Geburek, T. 3032
Geewananda, Y. A. 1516
Gehring, G. A. 869, 5762
Gehringer, M. 1172
Geider, M. 7522
Geier-Hayes, K. 4123, 5212, 5842
Geisler, B. M. 420, 5201
Geissler, H. 1210-1211
Geldenhuys, C. J. 2018, 4783, 5210, 5746
Gelens, M. F. 31
Gellért, M. 7016
Gellini, R. 4352, 6946, 7058
Gelpe, J. 5700
Gelsomini, N. 6413
Gely, A. 4825
Gemmel, P. 2049
Gencsi, L. 5262
Geng, G. R. 6761
Gentry, A. H. 3013
Genuit, W. 4343
Genys, J. G. 4412
George, C. A. 6779
George, C. W. 869, 5762, 6977, 7789
George, D. W. 6779
George, M. 413, 2114, 2303, 7094, 7782, 7943
Georgis, W. 4739
Gerard, R. V. 1497
Gerding, V. 6180, 6347-6348, 7547
Gerdol, R. 392
Gergely, S. 5512
Gerhold, H. D. 5244
Gerkens, M. 2745
German Federal Republic, Biologische Bundesanstalt für Land- und Forstwirtschaft in Berlin und Braunschweig 3057, 6828, 7279
German Federal Republic, Bundesministerium für Ernährung, Landwirtschaft und Forsten 2595
German Federal Republic, Deutschen Verband Forstlicher Forschungsanstalten, Sektion Ertragskunde 1831
Gernert, M. 7760
Gernet, M. 2847
Gerold, D. 4160, 4213, 6273, 6275, 6279
Geron, C. D. 3497
Gerrish, G. 5111, 7080
Gertner, G. Z. 3586
Getahun, A. 1118, 6033
Geyer, W. A. 4766, 6203
Geyter, L. de 6721
Ghani, M. A. 6533
Ghanim, A. 4334
Ghedira, K. 2933
Ghent, J. H. 1075
Gheri, F. 6708
Gherini, S. A. 3599
Ghisalberti, E. L. 7021
Ghosh, K. 1460
Ghosh, S. P. 3965
Ghulam Akbar 3405, 7338
Ghuman, B. S. 6352
Giacosa, D. 7918
Giambonini, A. 7649
Gianan, N. S. 677
Giannini, R. 1244, 1613
Gianotti, E. 620, 724
Gibbard, D. A. 4814
Gibbons, J. D. 7967
Gibbs, N. L. 7298
Giblin, M. 7201
Gibson, A. 5798
Gibson, A. C. 912
Gibson, K. E. 2434, 2456, 5323, 6558
Gibson, Q. H. 1569
Gichuru, M. P. 5409
Gideon, O. 6843
Gier, A. de 7658
Giertych, M. 7465
Gifford, D. J. 3750-3751
Gil, W. 2699
Gilbert, D. E. 3071
Gilbert, F. S. 6571
Gilbert, J. R. 1095
Gilchrist, A. N. 6802-6803
Giliomee, J. H. 2262
Gill, A. S. 3387, 6624
Gill, C. 5432
Gill, D. E. 7215
Gill, H. S. 3584, 7034
Gill, L. S. 309, 1901
Gill, S. A. 7274
Gillespie, A. R. 3207, 4811
Gillespie, W. H. 971
Gilless, J. K. 4307, 6098
Gillet, E. 4421
Gillett, J. B. 6458
Gillette, A. 276
Gilliam, C. H. 5100, 7378
Gilligan, C. J. 6513
Gillingham, A. G. 6046
Gillis, M. D. 5678
Gillon, D. 2186
Gilman, E. F. 1715, 5039
Gilmour, D. A. 4051
Ginting, M. 8158
Giordano, E. 3579
Giorgetti, A. 5986
Gios, G. 3269, 3539
Giovannetti, M. 7986
Giovanni, G. de 3088
Girdhar, A. 7872
Girouard, E. 2352
Giuanneschi, M. 1547
Giulio, R. T. di 2955
Giunchi, P. 3088
Gjerstad, D. H. 3754
Glasby, P. 873
Glass, B. P. 7443
Glattes, F. 3710
Glavac, N. 7763
Glavac, V. 5810
Gleason, C. D. 6863
Glebov, F. Z. 2798
Glerum, C. 2947, 3575
Glerum, G. 7448
Gliessman, S. R. 5401
Glitzenstein, J. S. 7953
Glock, H. 4734
Glos, P. 1434-1435
Glover, G. R. 4764
Glover, M. M. 3881
Glover, N. 3484, 5004, 5474, 6539, 6987
Glover, S. G. 1828
Glowacki, S. 6264
Glowna, E. 3395-3396
Gluch, W. 6956
Glumac, E. L. 6205
Gnanaharan, R. 591
Gnanam, A. 4831
Gnieszawa-Słodkowski, P. 6758
Gocheva, B. 2402-2403
Goda, S. 4706
Goda, S. E. 1234, 1306, 1351-1352, 4706
Godbee, J. F., Jr. 3154
Godbold, D. L. 2827, 5098
Godefroy, J. 3677
Godfrey, P. J. 6498
Godoy, R. L. de O. 2922
Goedken, V. L. 7834
Goel, A. K. 2034, 6445
Goh, S. H. 2933
Göhringer, S. 3228
Gojković, G. 3886
Gökçeoglu, M. 7691
Golan, Y. 7251
Gold, M. A. 1852, 5395
Goldberg, R. 7673
Golden, M. S. 5584
Goldfarb, B. 7149
Goldhammer, D. S. 5275
Golding, D. L. 550
Goldingay, R. L. 5131
Goldman, A. 7153
Goldschmidt, E. E. 5793
Goldsmith, F. B. 1135
Goldsmith, P. 5634
Goldstein, G. 6337, 6526
Golladay, S. W. 2863
Golob, P. 4967
Golokin, S. L. 3299
Golovin, G. I. 1964
Golubović, U. 5340
Gomes, A. V. 1463
Gomez, A. 1418
Gomez, F. 7048
Gómez, J. C. 4456
Gómez-Carabalí, A. 1856
Gómez Díaz, A. 4626
Gómez Gutiérrez, J. M. 5380
Gómez-Pompa, A. 6695
Gomide, J. L. 287
Gonçalez, J. C. 287
Gonçalves, D. C. R. G. 7834
Gonçalves, J. L. de M. 798
Gonçalves, M. A. Z. 7103
Gondran, M. 1478
Gong, L. 6837
Gonschorrek, J. 2479, 5996
Gonzales, L. L. 165
Gonzalez, A. 1257
González, A. G. 7836
González, A. O. 7970
González, G. 6697
Gonzalez, J. S. 3026
González, L. A. 6435
González, M. 8112, 8128
Gonzalez, M. J. 1491
González, P. 6180
González, R. H. 1675
González-Cabán, A. 4313
González Carcedo, S. 4985
González-Sierra, M. 7035
Goo, D. S. 2653
Good, J. E. G. 5991
Goodall, J. A. 4624
Goode, S. 4392
Goor, C. P. van 4605
Goossens, R. 221
Goossens, R. E. 213
Gope, B. 5912
Gopo, J. M. 3055
Gorbachev, V. N. 3590
Gorbunov, O. G. 3085, 3898
Gorchakovsky, P. L. 7088
Gorchov, D. L. 5822, 7803
Gordon, A. M. 4117, 6935
Gordon, J. C. 3613
Gordon, T. R. 6645
Gore, A. P. 1332, 6852
Gore, J. A. 5357
Gorissen, A. 2845
Gorozhankina, S. M. 2084
Górska-Brylass, A. 7885
Gosh, S. P. 2543
Gosler, A. G. 931, 3849
Gösswald, K. 6655
Gosz, J. R. 2131
Gotoh, T. 3920, 5964
Gottfried, G. J. 5574
Gottfried, R. W. 7412

Göttlein, A. 3585
Gottlieb, H. E. 2919, 5793, 7871
Gottlieb, O. R. 1502-1503, 1519, 2919, 2925, 2936, 3732, 5057, 7868, 7871
Göttsche-Kühn, H. 2765
Götz, E. 562
Götze, H. 860, 4076, 4296, 6666
Goubier, P. 6168
Goulart, M. O. F. 1518
Goulding, K. W. T. 2142, 6962
Gourbière, F. 2801
Goutorbe, J. P. 5700
Gouyon, P. H. 3838
Gove, J. H. 2040
Govindaraju, D. R. 1015, 1019, 3833, 4800, 5232, 6490
Gow, N. A. R. 1568
Goyal, S. C. 2214
Goyer, R. A. 3113
Gra, H. 7621
Grabczyński, S. 7629, 7747
Grabovskiĭ, A. F. 1844
Graça, L. R. 2639, 2768-2769, 2771
Graça, M. E. C. 2962, 2970
Gračan, J. 4685
Grace, J. 3378, 4250
Grace, L. J. 7135
Grado, S. C. 6206
Graetz, R. D. 4880
Gräfe, W. 5370
Graftieaux, A. 5047
Graham, A. 4381
Graham, J. D. 6864
Graham, R. L. 5688
Graham, R. T. 3439, 5716
Grainger, A. 606
Gramann, J. H. 4030
Grammel, R. 4586
Granetti, B. 1628
Granhall, U. 3523
Granier, A. 2824
Graniti, A. 2394
Granqvist, Å. 535
Grant, M. C. 431-433
Granville, J. J. de 7795
Grass, F. 7951
Graudal, L. 6488
Graumlich, L. J. 5659
Graustein, W. C. 4959
Gravaud, A. 5315
Graves, W. R. 4247, 6753
Gray, A. I. 3695, 7856
Gray, D. O. 2896
Gray, G. J. 4052
Grayburn, A. W. 3544
Grayson, A. J. 3578
Grba, L. 4653
Green, A. W. 6866, 6883-6885
Green, E. J. 7661
Green, J. D. 402
Green, K. M. 5361
Green, R. N. 6276
Green, T. H. 3754
Green, T. J. 1847, 7437
Green, T. L. 6224
Green, T. P. 1530
Greenaway, W. 2241, 2929
Greenberg, L. S. Z. 5361
Greenberg, S. 7033
Greene, D. F. 5824
Greene, E. 6547
Greene, S. E. 7092
Greenidge, K. N. H. 7085
Greenland, D. J. 1158
Greenwood, J. S. 5027
Greenwood, M. S. 2878, 3034
Greer, D. H. 4254
Greet, R. M. 4612
Greger, O. 4163
Gregersen, H. 41, 4590
Gregersen, H. M. 1706, 4587
Gregoire, J. C. 3082
Grégoire, J. M. 6460
Gregoire, T. G. 2047, 6094
Gregori, G. 4827
Gregorius, H. R. 1028, 4408
Gregory, G. R. 1808
Gregory, M. R. 403
Gregory, R. 2773
Gregory, S. C. 481
Greig, B. J. W. 670, 1034
Greig, D. A. 403
Greiner, A. 7048
Greinwald, R. 5082
Greitner, C. S. 277
Grellier, B. 1043
Grender, J. M. 6303
Grenier, S. 3149
Grenier, Y. 1264
Gresch, P. 5383
Grewal, H. 4597
Grewal, S. S. 3957, 6017, 8159
Grewcock, D. A. 6571
Grey, D. C. 5375, 5733-5734
Grez Z., R. 6476
Grieder, E. P. 6119
Griensven, L. J. L. D. van 3860
Grier, C. C. 2091, 5659
Grierson, P. F. 2233
Gries, G. 8065
Griese, F. 5215
Griffin, A. R. 4423, 5122
Griffin, D. H. 486, 3871-3872, 5893
Griffin, D. M. 4585
Griffin, G. F. 5209
Griffin, G. J. 3051
Griffin, J. R. 5458
Griffith, J. 7397
Grigal, D. F. 166, 3586
Grigorescu, A. 5546
Grigor'ev, V. P. 7555
Grigorov, G. R. 2470
Grijpma, P. 6478
Grill, D. 2840, 2877, 3625, 3734, 4967
Grimaldi, C. 8127
Grimaldi, M. 8127
Grimalt, J. O. 3715
Grimble, D. G. 5314, 5937
Grinbergs, J. 7477
Grinwich, D. L. 2903
Grip, H. 7299
Grobbelaar, N. 1563, 6439, 7794
Groenhof, A. C. 2359
Grohmann, K. 3739
Grondin, P. 3602
Grönroos, L. 1911
Grönroos, R. 4737
Groot, A. 60, 4773
Groot, P. de 7-8, 528, 3217, 4628
Groot, W. J. de 4991
Grosclaude, C. 3275
Grosse, W. 6250, 6252
Grossmann, A. 564
Grossmann, W. D. 4351
Grossnickle, S. C. 3442
Grossoni, P. 4352
Grosz, R. 5397
Grosz, R. K. 3200, 5397
Grosze, W. 4176
Grottker, T. 6309
Grout, R. J. 1551
Grove, T. S. 5879, 5884
Gruber, F. 6377-6380
Gruffydd, B. 2570
Grunda, B. 808
Grundy, D. S. 5510
Grünig, A. 997
Grupce, L. 982
Gruszczyk, A. 7355
Grut, M. 5400
Gsänger, H. 7446
Gu, J. C. 4747
Gu, M. B. 4478
Gu, S. R. 76
Gu, W. C. 4078
Gua, B. E. 3342, 3366, 3842
Guan, Y. L. 1481
Guan, Z. T. 983
Guarda, P. 1392
Guay, R. 2204
Gucci, R. 7153
Güde, H. 5664
Guderian, R. 6952, 7762
Guero, M. C. 4873
Guerrero, M. A. 1675
Guertin, D. P. 7640
Guevara, S. 1012
Guggisberg, A. 7913
Gui, Y. L. 76
Guibal, F. 4572
Guidi, L. 3576
Guinaudeau, F. 4638, 4642, 7652
Guinet, P. 1584
Gulati, N. K. 347
Gul'be, T. A. 2
Gul'be, Ya. I. 2
Guldin, R. W. 5568, 7234
Gulik, V. N. 8102
Gullo, M. A. lo 2118
Gülz, P. G. 3726-3728
Gumaste, S. K. 5757, 6052, 7576
Gumbo, D. J. 8165
Gumez, J. L. 3131
Gunasena, H. P. M. 5414
Gunatilaka, A. A. L. 2229
Gunatilleke, C. V. S. 4611
Gunatilleke, I. A. U. N. 4611
Gunawardena, P. 1516
Gundermann, E. 6100
Gundersen, P. 3621
Gunderson, C. A. 2846
Gunn, B. V. 6723, 6727
Gunness, A. G. 1710
Günter, R. 1709
Gunyazhenko, I. V. 7850
Guo, D. W. 293
Guo, J. S. 6751
Guo, J. T. 5371
Guo, P. L. 7237
Guo, W. D. 292
Guo, Y. P. 342
Guo, Z. X. 7123
Gupta, D. N. 1327
Gupta, G. N. 802, 7094, 7782
Gupta, H. O. 351
Gupta, I. C. 1314, 1708, 8095
Gupta, M. K. 2737
Gupta, N. N. 241
Gupta, P. C. 2246
Gupta, P. K. 1256, 1985
Gupta, R. C. 5900
Gupta, R. P. 3853, 5869
Gupta, S. K. 1445, 4914
Gupta, S. P. D. 5493
Gupta, S. R. 2814, 4926
Gupta, V. K. 2361, 5860, 5864
Gurbachan Singh 1769, 3956, 6028
Gurbaksh Singh 7600
Gurfinkel, J. 3840
Gurgel Garrido, L. M. do A. 622, 709-710, 3513, 3809
Guries, R. 6155
Guries, R. P. 6133, 6155
Gürth, P. 1110, 4134
Gurudev, D. S. K. 2341
Gurumurti, K. 2057
Gurung, D. 8037
Gussone, H. A. 5457
Gusta, L. V. 2949
Guthrie, R. L. 859
Gutiérrez, A. B. 7834
Gutierrez, N. C. 7710
Guttenberger, H. 2840, 3625
Gutteridge, R. C. 7467, 7595
Guy, E. C. 6705
Guy, P. R. 3012
Guymer, G. P. 1583
Guzik, G. 8104
Guzina, V. 3847
Guzman, E. D. de 5928
Gvozdev, V. K. 7688
Gwarazimba, V. E. E. 1893
Gyimah, A. 3361
Haack, R. A. 3413, 6565
Haag, A. 7029
Haag, C. L. 2649
Haag, H. P. 825, 830
Haag-Berrurier, M. 3725
Haas, H. 564
Haase, P. 6320, 6466
Haase, S. M. 682, 6217
Haavisto, V. F. 2631, 2683, 4470, 6153
Haberman, P. M. 7375
Habermann, M. 5950
Habermann, R. 1449, 4509, 6091
Habermehl, A. 3279
Habib Nasir 5052
Habibi, H. 4836, 4915, 4930
Habte, M. 3852, 5249, 5565, 5872
Hackett, W. P. 1799
Haddan, M. 8051
Hadfield, J. S. 1682
Hadi, S. 5391
Hadley, J. L. 2787
Hädrich, F. 5731
Haeringen, R. P. F. van 1159
Haeussler, S. 129, 420, 685, 5201, 5593, 6825
Hafeez, F. 3694, 5045
Haferkamp, M. R. 7400
Hafley, W. L. 1355
Hafner, L. 5117
Haga, N. 3508-3509
Haga, T. 7561
Hagedorn, H. H. 7033
Hägeli, M. 2141
Hagemann, G. D. 2395
Hager, A. 357
Haggar, J. P. 558
Haggar, R. J. 3215
Haggart, B. A. 5839
Häggman, H. 7882
Hägi, K. 6432
Hagihara, A. 747, 1167, 3675, 7051
Hagle, S. K. 8012
Hagler, A. N. 7124
Hagner, O. 2079
Hahn, D. 1830
Hahn, D. E. 1271, 3240, 6897-6899
Hahn, J. T. 596, 4876
Hähner, R. 1178
Haila, Y. 2407
Haines, B. L. 5738
Haines, R. J. 4090, 4102
Haissig, B. 2355
Haissig, B. E. 2330, 4721
Hajdú, G. 5620
Hajer, B. D. 2693, 3567
Hake, H. P. 6693
Hakkeling, R. T. A. 1375
Hakman, I. 1920
Halaj, J. 4207, 4795
Halambek, M. 441
Halász, G. 5103
Haláth, J. 4978
Halbwachs, G. 5741-5742
Haldar, A. K. 2520
Hale, D. D. 6917
Halimahton Mansor 5066
Hall, A. E. 260, 819, 3604
Hall, C. A. S. 770
Hall, D. 3217
Hall, D. J. 5303
Hall, J. P. 374, 1201-1205, 1292, 7448
Hall, P. J. 68
Hall, P. M. 3071
Hall, R. B. 7981-7982
Hall, R. J. 3553, 4999
Hall, R. W. 3926, 5324
Hall, T. H. 141
Halle, S. 545
Hallett, R. D. 14, 5559
Hällgren, J. E. 3737
Hallgren, S. W. 3606
Halme, E. 2407
Halperin, J. 6580, 7192
Halpern, C. B. 5852, 6482
Halverson, H. G. 6607
Hama, T. 1058
Hamada, K. 1474
Hämäläinen, J. 6184
Hamaya, T. 238, 434
Häme, T. 2078, 3278

Hamel, J. M. 2647
Hamerski, M. R. 3926
Hamid, A. A. 3062
Hamilton, A. C. 565
Hamilton, E. 3267
Hamilton, E. H. 3823
Hamilton, L. S. 1706, 4604
Hamilton, W. D. 1797
Hamm, P. B. 1053, 4431, 7152
Hammer, K. 4007
Hammitt, W. E. 6505
Hammond, D. 5464
Hamre, R. H. 4608, 5467
Hamrick, J. L. 2328, 3033
Hamrick, K. J. 3033
Hamzah, Z. 1122
Han, B. H. 1517
Han, J. F. 4753
Han, S. D. 331
Han, S. F. 3042, 5873
Han, S. S. 8179
Han, S. U. 436, 1022-1023, 1610
Han, X. Z. 3181
Han, Y. C. 613-615, 1025
Han, Y. N. 1517
Han, Z. M. 488-489, 1644, 3053
Hanak, B. 6793
Hanák, K. 3548
Hanamashetti, S. I. 1733
Hancvencl, P. 3312
Hand, F. C. 5122
Hand, S. C. 8044
Handa, R. 540
Handa, S. 1167
Handawela, J. 5415
Handulle, A. 6620
Hånell, B. 4864
Haney, H. L., Jr. 5498, 5694
Hangyálné, B. W. 5907
Hanks, C. 4552
Hanley, T. A. 5363, 5755
Hann, D. W. 6848-6849
Hannah, P. R. 1963, 3383
Hänninen, H. 876
Hanover, J. W. 1804, 3450, 7469
Hans, A. S. 7960
Hansen, E. A. 1991
Hansen, E. M. 1053, 5115, 7149, 7152
Hansen, J. 3035
Hansen, J. A. 5597
Hansen, M. H. 596, 1359
Hansen, P. A. 1623
Hansen, R. S. 4802
Hansken, T. J. 714
Hanson, P. J. 2846
Hanstein, U. 1131
Hantschel, R. 851, 5556, 6954-6955
Hanumashetti, S. I. 2546
Hao, J. W. 4921
Hao, Y. C. 4119, 7171
Hapla, F. 281, 3649, 4297
Hara, T. 422
Harada, H. 310, 312-313, 319-320, 1474, 7409
Haraguchi, M. 6171
Harbagung 2067
Harcombe, P. A. 7953
Hard, J. 1683
Hard, J. S. 5697
Hardegree, S. P. 1414
Hardi, T. W. T. 8080
Harding, R. B. 166
Hardy, G. A. 1084
Hardy, Y. 3900
Haridasan, K. 5001
Haridasan, M. 7001
Härkönen, K. 3594
Harkov, R. 4972
Harley, P. C. 4034, 5478
Harman, A. L. 8052
Harman, D. M. 8052
Harmer, R. 4108
Harms, W. R. 6244, 6373
Harmsworth, D. 3368
Harou, P. A. 4239
Harper, J. L. 2986, 4376
Harper, K. T. 3931
Harper, M. 4650
Harr, R. D. 8118
Harrell, M. O. 4950
Harrington, C. A. 3606
Harrington, J. T. 3859
Harrington, L. M. B. 3232
Harrington, M. G. 866, 5764, 5780, 5853
Harrington, T. C. 237, 3868, 5199
Harris, G. F. 6068
Harris, J. M. 2168
Harris, J. W. E. 3125, 6090
Harris, K. D. 5528
Harris, R. R. 4397
Harris, S. L. 2130
Harrison, K. J. 3048
Harrison, W. M. 2037
Harry, D. E. 2339
Harsh, L. N. 1314
Harsh, N. S. K. 6518
Hart, J. D. 5229
Hart, T. B. 7940
Hartig, M. 1254, 6492
Hartley, S. E. 6555
Hartmann, G. 1378, 1427
Hartmann, H. T. 1154
Hartmann, P. 1578, 5112
Hartog, G. den 5783
Hartshorn, G. S. 2296, 6881
Hartsough, B. R. 1278
Hartweg, A. 4292, 7775
Hartwig, F. 6291
Haruyama, Y. 340
Harvey, A. E. 3439, 4437, 5716
Harvey, B. M. R. 3379, 5554
Harvey, E. M. 4610
Harvey, J. H. 3295
Harvey, L. E. 4373
Harwell, R. L. 7333
Harwood, C. E. 4599
Haryono 4537
Häsänen, E. 6357
Hase, T. 7009
Hasegawa, K. 2285
Hasegawa, S. 1105, 1540, 7874
Hasel, K. 5490
Hashimoto, H. 5919
Hashimoto, Y. 899, 2240
Hashizume, H. 785, 6563
Haslam, E. 1505
Häsler, R. 2782
Hasnah Mohd. Sirat 5065
Hassan, A. E. 4290
Hassell, M. P. 3087
Hastings, F. L. 3145
Hata, S. 7409
Hatano, T. 1550
Hatcher, P. G. 3715
Hatfield, G. R. 5510
Hatipoglu, R. 7592
Hattemer, H. H. 4421, 6486
Hattingh, V. 2262
Hattori, M. 2894, 5051
Hattori, S. 7297
Hauck, O. 4099
Hauenstein, E. 398
Hauenstein, P. 2141
Hauff, U. 7494
Hauge, L. 7084
Hauhs, M. 3624
Haumaier, L. 2800
Häussler, D. 1653
Häussling, M. 828
Havel, J. J. 6717
Haverbeke, D. F. van 626-627, 5528-5529
Haverty, M. I. 6587
Havranek, W. M. 3603
Hawke, M. F. 6044, 6046, 8155
Hawkes, B. 6978
Hawkins, C. H., III 7619
Hawkins, D. 1512
Hawkins, T. 611, 2042
Haworth, R. H. 3878
Haya, K. 88, 187
Hayakawa, T. 3622
Hayashi, C. 1535, 6563
Hayashi, N. 1474
Hayashi, T. 3696, 7031
Hayashida, M. 2264
Hayek, E. W. H. 7853
Hayes, E. 8019
Hayman, A. R. 2896
Hayward, W. J. 6853
Hazama, Y. 3622
Hazlett, D. L. 3524
Hazlett, P. W. 3636
He, C. P. 4139
He, D. Y. 7122
He, F. 22
He, L. K. 893
He, L. M. 2796
He, S. C. 6680
He, W. 7122
He, W. Y. 3181
He, Y. H. 7212
He, Y. Z. 1459
He, Z. H. 1660
He, Z. X. 4452
He, Z. Z. 2344
Headland, T. N. 1851
Heal, O. W. 6330
Healey, J. R. 5161
Healy, W. M. 5367
Heaman, J. C. 7977
Heaney, A. 2282
Hebard, F. V. 3050
Heber, U. 5108
Hébert, J. 6664
Hebert, J. 4645
Hecht, S. B. 4651
Heckels, J. E. 6705
Heckrodt, W. F. 7530
Hedden, R. L. 1634, 3103, 5317
Hedegart, T. 1313
Hedin, I. B. 3434-3435
Hedin, R. S. 7312
Hedlin, A. F. 2418, 2437
Hedman, C. W. 744
Hegardy, M. P. 7872
Hegde, N. G. 4620, 5625
Hegelau, W. 564, 7632
Hegetschweiler, T. 2605
Hegyi, F. 7448
Heibl, R. 1640
Heideman, P. D. 4322
Heidmann, L. J. 1951, 6217
Heijden, R. van der 7499
Heikkilä, R. 5306
Heikurinen, J. 3442
Heilemann, J. 2930, 5055
Heilmeier, H. 6429
Heimler, D. 5157
Heino, E. 1153
Heinsdorf, D. 1263, 2643, 4265, 4267, 6175, 6178, 6430, 7517
Heinze, M. 927, 4277-4278
Heiseke, D. 1190
Heiska, E. 3618
Heisler, G. M. 2500, 2503
Helberg, U. 6011
Helbig, F. 6211
Helgerson, O. T. 743, 1978-1979
Helin, W. H. 7463
Heliövaara, K. 1667, 3895, 3909
Hellberg, A. R. 3025
Helldén, U. 4884
Hellemans, P. 3563
Heller, L. I. 7736
Heller, W. 6964
Hellig, K. 3734
Helliwell, D. R. 1395
Hellqvist, C. 3072
Hellum, A. K. 1887, 1890-1892, 1899, 6724
Helm, A. G. 5491
Helson, B. 528
Helvey, J. D. 3944, 7293
Helwig, L. 2509
Hempfling, R. 2106
Hendershot, W. H. 2132
Henderson, A. 7077
Henderson, D. J. 1725
Henderson, G. S. 3599
Henderson, L. 2000
Hendrick, E. 4779
Hendrickson, O. 54
Hendrickson, O. Q. 3532
Hendromono 1961, 3043, 7527-7528
Heneka, L. 4162
Hengst, E. 1212
Henly, R. K. 1184
Hennessey, T. C. 2129, 3459
Hennon, P. E. 5115
Henriksson, G. 1873, 4700
Henriques, F. S. 3623
Henry, J. M. 3922
Hensley, D. L. 3176, 5437
Herbert, M. A. 4750
Herdi, F. 2685
Hering, S. 4415
Heritage, S. 2465
Heritage, S. G. 1686
Herlocker, D. R. 3158
Herman, B. 5035-5036
Herman, F. R. 3520, 5219
Hermann, H. R. 2441
Hermesh, R. 7061
Hernández, H. M. 6442
Hernandez Filho, P. 774, 3550
Herpka, I. 3593, 3847
Herranz, C. 1083
Herrera, C. M. 5132
Herrera, F. Sanchez- 1083
Herrera, R. 3978
Herrero, J. 3945
Herrick, O. W. 2426, 5942, 5970
Herrmann, K. D. 6582
Hertel, H. 6355
Hertel, T. W. 1846
Herz, W. 3721, 7834
Hesmer, H. 598
Hess, K. 993
Hess, P. 4877
Hesse, M. 3731, 7913
Heuch, J. H. R. 707
Heurteaux, P. 256
Heuveldop, J. 3264, 3969, 3971
Hewitt, M. J., III 4527
Heybroek, H. M. 7565
Heyligers, P. C. 2299
Heyn, B. 5731
Heyser, W. 7893
Hibben, C. R. 5288, 7161
Hibberd, B. G. 1793
Hibbs, D. E. 3021, 3456, 6235
Hickey, L. J. 6654
Hicklenton, P. R. 6653
Hickman, C. A. 604, 5498, 5694
Hickman, G. W. 6646
Hidajat, E. B. 6993
Hidalgo, E. 7460
Hieke, C. 600
Higashiura, Y. 7244
Higginbotham, J. S. 3244
Higgins, C. J. 8082
Higgins, K. B. 5761
Higgins, M. L. 6573
Highley, T. L. 4448
Higuchi, H. 7166
Higuchi, R. 898
Hildebrand, E. E. 792, 839, 1261
Hill, A. R. 7699
Hill, B. H. 2111
Hill, D. 5571
Hill, E. P. 2472
Hill, H. S., Jr. 8026
Hill, K. 7348
Hill, M. O. 3790
Hill, R. L. 6656
Hill, R. S. 410, 4367-4368
Hill, T. C. 5273
Hillegers, P. 1376
Hillington, A. 2544
Hillman, G. R. 2682, 4782
Hilmi, H. A. 7425
Hiltunen, R. 4027, 4338

Himelick, E. B. 5294, 6516, 7368
Himme, M. van 1273
Himmel, M. E. 3739
Hinckley, T. M. 2817
Hinds, T. E. 5575
Hinners, K. 1382
Hinssen, P. J. W. 2594
Hintikka, V. 465, 1008
Hintz, D. L. 1825, 2511
Hintze, B. 7329
Hipkin, J. A. 1728
Hipp, B. W. 4532
Hippeli, P. 6175, 6430
Hippoliti, G. 4060
Hirakawa, K. 1515
Hiraoka, M. 7344
Hiratsuka, Y. 487, 4440, 5264, 5277, 5279
Hirose, A. 7780
Hirose, Y. 1540, 7874
Hite, M. 2070
Hiwatashi, M. 180
Hix, D. M. 1285, 2661, 3817
Ho, C. K. 443
Ho, I. 4426
Hoagland, S. H. 1156
Hoang, H. D. 4007
Hobbs, R. J. 4996
Hochmut, R. 2464
Hock, B. 5254
Hockey, M. J. 4485
Hocking, D. 5769, 6627, 8156
Hocksema, J. 3323
Hodge, G. R. 3829
Hodges, C. S., Jr. 127
Hodges, D. G. 1182
Hodges, J. D. 5081
Hodgkinson, I. J. 6990
Hodgkinson, K. C. 5988
Hodgkiss, P. D. 5706
Hodgson, G. 3167
Hodson, M. J. 3858
Hoekstra, D. A. 3987-3988
Hoekstra, T. W. 5466
Hof, J. G. 1834, 6315
Hoff, R. J. 1886, 4445, 4595, 5773, 6711, 7247
Hoffman, G. R. 994, 5849
Hoffmann, C. 2674
Hoffmann, H. 6328
Hoffmann, J. 7969
Hoffmann, J. H. 1072, 4493
Höfle, H. H. 3541, 6294
Hofmann, G. 6343
Hofmann, R. 7773
Hofmann, W. 4284
Hofmeister, R. M. 1463
Hofstetter, M. 6525
Hogan, D. L. 1100
Hogan, G. D. 273
Hogan, J. 5109
Högberg, K. A. 151
Högberg, P. 2383, 5256
Högermann, C. 7818
Högnäs, T. 4796
Hogrebe, A. M. R. 2145
Hohloch, K. 7895
Höhne, H. 2833, 4278
Höhne, I. 6256
Hokkanen, T. 6331
Hoksbergen, F. T. J. 140
Holbrook, N. M. 1007, 4982
Holding, C. 3318
Holdsworth, D. 6840, 6843
Holen, I. 2650
Holes, L. 844-846
Holland, J. Z. 2178
Hollenbeck, L. 5925
Hollender, H. 3537, 4120
Holling, C. S. 4458
Holloway, P. S. 6829
Holmes, D. 419-420, 5201
Holmes, F. W. 7161
Holmes, P. D. 263
Holmes, P. M. 2002, 4785
Holmes, R. E. 522
Holmes, R. T. 5992, 8100
Holmes, S. B. 529
Holmes, T. H. 7950
Holopainen, J. K. 2452, 8027, 8075
Holsten, E. H. 1683
Holsten, E. J. 3145
Holt, J. B. 3477
Holt, R. 1752
Holt, R. M. 1752
Holten-Andersen, P. 2062
Holub, Z. 269
Holzer, K. 3734
Homchan, J. 7126
Homes, J. 900
Honěk, A. 3077
Honer, T. G. 7448
Hong, S. H. 75, 331, 1609
Hong, S. S. 2642
Hong, T. 2271
Hongo, F. 6426, 6485
Honhart, C. 4763
Honjyo, T. 418, 2009
Hood, B. 5423
Hood, I. A. 1636, 7150
Hood, W. M. 5317
Hoof, L. van 7026
Hook, D. D. 7978
Hooper, S. 6018
Hooser, D. D. van 4226, 6883, 6886
Hootman, R. G. 5441
Hopcroft, D. H. 3877
Hope, D., III 7358
Hope, G. S. 4906
Hopkin, A. A. 5279
Hopkins, C. R. 2474
Hopkins, R. B. 1088
Hopmans, P. 4143, 7712
Hoppe, E. 6292
Hopper, C. A. 2878
Hoppes, W. G. 4357
Hopwood, A. 3309
Horánszky, A. 3810
Hordacre, A. 4974
Horino, S. 541
Horiuchi, T. 6938
Horn, R. 851, 5556, 6954-6955
Hornbeck, J. W. 3526, 5589, 6072
Horne, R. 4152
Horner, J. D. 2815
Horng, F. W. 190, 265-266, 452, 6325
Horntvedt, R. 1430
Horrell, B. A. 3753, 7883
Horry-Charrier, P. 6166
Hörteis, J. 1577
Horton, C. 4201
Horváth, L. 5749, 5862
Horváthová, J. 3789
Hosford, D. 6409
Hosier, R. H. 1730, 3216
Hoskins, J. A. 3463
Hoskins, M. W. 5502
Hoskins, W. D. 3463
Hosmani, M. M. 5757, 6052, 6057, 7576
Hosmani, S. A. 3186
Hosmer, R. A. 5654
Hosogai, H. 6938
Hotchkiss, D. 3185
Hotvedt, J. E. 755
Hou, K. W. 2031
Houérou, H. N. le 7083
Houghton, J. E. 5586
Houllier, F. 4851, 4873
House, M. C. 6922
Houseknecht, S. 420
Houseweart, M. W. 1067
Hove, L. W. A. van 5739, 6358
Howard, J. R. 3518
Howard, L. F. 3801
Howard, R. A. 6654
Howard, T. E. 2020
Howard, W. G. 4672
Howarth, P. J. 5687
Howcroft, N. H. S. 3467, 6738
Howcroft, N. S. 6150
Höwecke, B. 2169, 3651, 5748
Howell, J. H. 1865
Howes, M. 2607
Hoyer, G. E. 748
Hozumi, K. 1167, 3495
Hradetzky, J. 7759, 7896-7897
Hrdý, I. 2464
Hrubík, P. 4498, 7180
Hsia, M. T. S. 5911
Hsia, Y. J. 190
Hsiang, T. 5888, 8005
Hsiao, T. H. 2569
Hsieh, C. F. 6468, 6481
Hsieh, H. J. 467-468, 3046, 5981
Hsieh, T. H. 6481
Hsu, C. C. 2803
Hsu, F. H. 2542
Hsu, K. C. 3716, 7869
Hsue, H. H. 893
Hsueh, C. J. 939
Hu, B. J. 2462
Hu, C. H. 2975
Hu, C. L. 3083
Hu, C. Z. 824
Hu, E. C. 172
Hu, H. L. 2450
Hu, H. T. 6509, 7134
Hu, T. W. 53, 64, 66, 443, 645, 1220, 1268, 1624, 5376
Hu, W. L. 3731
Hu, Y. H. 797, 804, 1344
Hu, Y. X. 5786
Hua, L. Y. 3708
Huang, B. H. 3821
Huang, B. L. 4724, 6755
Huang, C. J. 5829
Huang, J. B. 453
Huang, J. P. 4480
Huang, J. S. 2210
Huang, L. C. 4724, 6755
Huang, M. R. 430, 3037, 3839
Huang, Q. C. 76
Huang, S. F. 2345
Huang, Y. G. 4697-4698
Huang, Z. F. 7270
Huang, Z. Y. 2393
Hubač, K. 4844
Hubbell, S. P. 2295, 3916
Hubbes, M. 5274
Huber, A. 4911, 7303, 7700
Huber, A. W. 7302-7303
Huber, C. M. 1075, 6887
Huber, J. 7278
Huber, M. C. 3134
Huber J., A. 6332, 6610-6611
Hubert, G. 1257
Hubert, M. 3251
Hubert, W. A. 5362
Hubick, K. T. 1571
Huculak, W. 7671
Hudak, J. 524
Hudler, G. W. 5118, 5288
Hudson, G. 1725, 1727
Hudson, J. 4055-4056, 5814
Hue, N. V. 5249
Huehn, M. 5235
Huettl, R. F. 3611
Huffman, G. R. 4086
Hufford, C. H. 7037
Hughes, C. E. 4650, 6151
Hughes, F. 5354
Hughes, J. W. 2123
Hughes, M. K. 4570
Hughes, R. N. 3637
Hui, C. M. 3010
Hui, R. 3079
Hukusima, T. 3819
Hulmani, N. C. 1733
Hulme, M. A. 3125
Hultkrantz, L. 2065
Humble, L. M. 2431
Hummel, F. C. 7425
Humphreys, M. 1827
Humphries, C. J. 6450
Hungary, MTA-MÉM Agrár-Műszaki Bizottság 6671
Hunger, W. 4104
Hungerford, R. D. 5206
Hunkler, D. 1533
Hunshal, C. S. 3186
Hunt, A. R. 2600
Hunt, J. A. 3438
Hunt, L. O. 1949
Hunt, R. S. 3146
Hunt, S. M. 7791
Hunter, I. 3281
Hunter, I. R. 6864
Hunter, J. A. C. 6864
Hunter, J. R. 1581
Hunter, M. L. 7285
Huntley, B. 3001
Hunziker, J. H. 3777
Hunziker, P. 6431
Huo, Y. Q. 549
Huruie, H. 1617
Husaini, S. W. H. 1901
Hüser, R. 2831
Huss-Danell, K. 2128
Hussain, A. 5531, 5541, 5541, 5627, 5627, 5629
Hussain, M. A. 5714
Hussain, R. W. 7617
Hussein, S. E. G. 1214
Husson, H. P. 2231
Hutchinson, M. F. 2090, 7421
Hutchinson, R. 5345
Hutchison, K. W. 2878
Huth, J. R. 2660, 3418
Hutjes, R. W. A. 7685
Hüttermann, A. 2827, 5098, 5806
Hüttl, R. F. 3611, 5809
Hutton, E. M. 6186
Huttunen, S. 270, 784, 2160, 3618, 4619, 6357
Hutzinger, O. 4951
Huuri, L. 1145, 4656
Huuri, O. 1145, 4656
Huxley, P. 1781
Huxley, P. A. 1158, 1781
Huzulák, J. 6077
Hwang, S. G. 625
Hwang, S. Y. 2541
Hwong, J. L. 1397
Hyde, J. F. C., III 6866, 6876
Hyde, K. D. 4927
Hyde, W. F. 4012
Hyland, B. P. M. 3772, 5083
Hynynen, J. 6238
Hyun, Y. I. 879
Hyvärinen, R. 4746
Hyvärinen, V. 6461
Iannelli, P. 6305
Iatrou, G. D. 7716
Ibnu, Z. 1647, 2384, 2404
Ibrahim, A. 4707
Ibrahim, F. 6620
Ibrahim, I. K. A. 517
Ibrahim, J. 7852
Ibrahim, M. 5629
Ibrahim, M. A. 2298
Ibrahim, N. 3106
Ichihara, Y. 3699
Ichikawa, S. 7079
Ichim, R. 5994
Ichimaru, M. 2240
Ichino, K. 2899, 2921, 2944, 3730, 7857
Ido, Y. 2937
Idzon, P. F. 1
Ierusalimov, E. N. 7242
Ietswaart, J. H. 3844
Igarashi, T. 3818, 7146
Igboanugo, A. B. I. 2172, 4553
Igboko, O. A. 7840
Iglesias, I. 4722
Ignat'ev, V. S. 6824
Iguchi, M. 6967
Ihalainen, R. 4671
Ihsan Ilahi 4728
Ihwe, J. 4021
Iijima, Y. 2828
Iizuka, M. 495
Iizumi, S. 870
Ikeda, T. 6338
Iken, J. 7893
Iketake, N. 373, 7064
Iles, B. 3798
Ilgen, G. 4284
Ilieva, S. 2402-2403
Il'ina, E. G. 4744
Il'ina, N. A. 2

Il'inova, M. K. 6417
Ilyas, M. 1511, 1546
Imada, M. 6875
Imai, H. 4359
Imai, T. 2937
Imaizumi, Y. 7646
Imbach, A. C. 3208, 3998, 6048
Imbach Hermida, A. C. 3208, 3998, 6048
Imbeck, H. 6612
Imhoff, R. E. 782
Impens, I. 889
Imperiali, B. 3713
Inaba, R. 4063
Inada, M. 171
Inagawa, G. 548
Inayatullah, C. 6533
Incerti, M. 6911
Inciong, M. E. J. 3738
India, Gokhale Institute of Politics and Economics, Agro-Economic Research Centre 5417
India, Kerala Forest Research Institute 2028
India, Sandal Research Centre 3322
India, Tamil Nadu Forest Department Research Circle, Forest Genetics Division 3374
Inevatov, S. E. 552
Infante, R. 7504
Ingham, E. R. 3041, 5717
Ingham, J. L. 5080
Inglis, A. S. 7321
Inglis, C. S. 6014
Ingram, D. L. 6324
Ingram, J. 7778
Inions, G. 3811
Inions, G. B. 5352
Innes, D. J. 5238
Innes, J. B. 5167
Innes, J. L. 5114, 5803, 6963
Innis, G. J. 5351
Innocenti, A. M. 1611
Inoue, K. 794, 6900
Inoue, T. 271, 897, 2935
Inoue, Y. 3570
Insley, H. 687
Intari, S. E. 518, 2429, 8074, 8080
International Plant Propagators' Society 1154
International Seed Testing Association 4370
Iordan, M. 5546
Iotov, D. 3653
Ipatov, V. S. 2307
Iputu, S. A. 4072
Iqbal, M. 2215
Iqbal, M. Z. 816, 2158
Iqbal, Z. 5052
Iqbal Fatima 7028
Iracka, M. 6959
Irby, L. R. 1094
Irving, B. D. 7284
Irving, D. E. 6153, 6745
Isaacson, D. 1376
Isabekov, B. M. 1390
Isaev, A. S. 5913
Isebrands, G. 2624
Ishibashi, S. 669
Ishida, K. 2467
Ishii, H. 192
Ishii, K. 72, 1934
Ishii, M. 2181
Ishii, N. 7245
Ishikawa, T. 7584
Ishimaru, K. 1541, 1543
Ishimaru, Y. 340, 7704
Ishimatsu, M. 7861
Ishizaki, N. 2308
Ishizeki, K. 7927
Ishizuka, T. 1102
Isikawa, H. 646
Islam, M. R. 5563
Ismail, K. 654
Ismail, S. S. 7951
Italy, Associazione Italiana di Genio Rurale 4018
Italy, Istituto di Meccanica et Meccanizzazione dell' Università degli Studi di Firenze 4018
Itami, J. K. 5960
Ito, K. 156, 1307, 2921, 2944, 3730, 7857
Ito, T. 215
Itoh, M. 4281
Itokawa, H. 3699
Iturraspe, R. 2088
Iu, S. X. 3839
Iuli, R. J. 5904
Ivanchikov, A. A. 1303
Ivanišević, P. 3592
Ivanov, V. S. 6633
Ivanová, E. 6756
Ivens, W. P. M. F. 2155
Iverson, L. R. 5688
Ives, J. D. 3962, 5450
Ivkovich, E. N. 7921
Ivonin, V. M. 2862
Ivory, D. A. 2609
Ivory, M. H. 466
Iwagami, S. 257, 285
Iwagawa, O. 794
Iwai, K. 569
Iwai, Y. 7447
Iwakawa, O. 201
Iwane, M. S. S. 1038
Iwaoka, M. 7647
Iwasa, K. 2965
Iwasaki, K. 2519
Iwashita, T. 7009
Iwatsubo, G. 7780
Iwu, M. M. 7840
Iyer, J. G. 6191
Izinger, P. 3958, 7320
Jaakkola, S. 2079
Jacalne, D. V. 233
Jachmann, H. 6601
Jacke, H. 6122
Jacks, G. 7770
Jacks, P. M. 4392
Jackson, C. A. 4552
Jackson, D. 4496
Jackson, D. H. 6866
Jackson, L. 3655
Jackson, M. T. 7097
Jackson, N. 6495
Jackson, R. J. 7305
Jackson, R. M. 7130
Jackson, S. T. 4380, 5825
Jacobi, W. R. 7159
Jacobs, H. 5076
Jacobsen, C. 1318
Jacobson, J. S. 836, 3633, 7736
Jacobson, M. 2696
Jacoby, P. W. 7551-7552
Jacques, M. 308, 3744
Jacquin-Dubreuil, A. J. 7498
Jaeger, C. H. 5090
Jaeger, L. 6339
Jafarsidik, Y. 721, 3785, 3808, 6449, 7824-7825
Jagede, R. O. 1901
Jagels, R. 3634
Jager, H. I. 4862
Jäger, H. J. 5741
Jager, K. 4688
Jagusch, K. T. 6046
Jahn, G. 1131, 4320, 7761
Jahn, S. A. A. 5859
Jahoda, V. 7638
Jahraus, K. V. 4635
Jain, B. L. 1265
Jain, M. 2217, 2224
Jain, P. P. 347, 5068-5069
Jain, R. K. 1489
Jain, S. H. 2095, 2137
Jain, S. K. 6839
Jain, S. M. 7507
Jain, S. P. 6841
Jakál, L. 5749
Jakucs, P. 844, 847
Jalkanen, A. 2657
Jama, B. 1118, 2537, 3210, 6033
Jamaluddin 5283, 5329-5330, 7676, 7999, 8030
James, D. 1914
James, D. B. 5732
James, L. F. 3155-3157, 3930
James, R. L. 3884, 6513, 7144
James, R. N. 5522
Jameson, P. E. 3753, 7883
Jamey, C. 1286
Jamieson, K. B. 4054
Jamnick, M. S. 4866, 6098
Jamrich, V. 4964
Jan, S. T. 1538
Jana-Sáenz, C. 6557
Janas, P. S. 5601
Jancarik, V. 8013
Janeček, A. 4174
Jang, J. C. 7164
Janin, J. L. 3910
Janouš, D. 895
Jansen, A. E. 3270, 3860
Jansen, E. 2782
Jansen, J. J. 7564
Jansen, P. C. M. 2568
Janson, L. 6757-6758
Janz, D. W. 1086
Janzen, D. H. 1548
Jaouen, X. 1147
Jardim, D. C. P. 631
Jardim, M. A. G. 2691, 6833
Jarjes, S. J. 6535, 8034
Jarrell, W. M. 2810, 6368, 7714, 7734, 7994
Jarrett, R. G. 5220
Järveläinen, V. P. 6296
Jarvis, P. G. 2258, 4035
Jasbir Singh 2135, 6928
Jatasra, D. S. 1739, 6029
Javed Rattan 2133
Javid, Z. 5250
Jayachandran, C. K. 5150
Jayakumar, M. 2322
Jayaraman, K. 761
Jayaraman, S. 2707
Jayasinghe, U. L. B. 7878
Jayasuriya, A. H. M. 4611
Jayson, E. A. 2482
Jaziri, M. 900
Jean-Louis, A. M. 1406
Jeffords, M. R. 7260
Jeglum, J. K. 7411
Jelaska, S. 1927
Jen, I. A. 228, 4847, 5338, 7296
Jeng, R. S. 5274
Jenkins, B. M. 1278
Jenkins, D. L. 1722
Jenkins, M. B. 2810, 7994
Jenkins, M. J. 5948, 8047
Jenkins, S. H. 3940
Jenkinson, J. C. 2654
Jenkinson, J. L. 4497
Jensen, K. F. 2149
Jensen, N. P. 2099
Jensen, S. 2844
Jensen, U. 6408
Jeon, M. J. 3919
Jeong, D. H. 3947
Jeong, J. S. 7679
Jeong, Y. H. 3419
Jerman, I. 7111
Jeschki, W. 2141
Jessop, J. P. 7076
Jesus, R. M. de 288, 7571, 7776
Jewett, N. W. 2636
Jeyaraman, S. 2023
Jhun, G. S. 331, 1609
Ji, L. 2836
Ji, L. G. 7406
Jia, Y. 7163
Jiang, H. 739
Jiang, I. B. J. 3024
Jiang, J. D. 4427
Jiang, J. P. 183
Jiang, R. H. 7270
Jiang, S. 1690
Jiang, X. M. 332, 4326
Jiang, Z. F. 7961
Jiang, Z. R. 4349
Jiao, S. P. 7406
Jiao, S. R. 259
Jibril, A. Y. 6267
Jim, C. Y. 5438
Jimale, A. 2494
Jimale, M. M. 2494
Jimaleh, A. 6620
Jiménez, C. 3697
Jiménez, J. A. 303, 5148
Jiménez, V. 1861, 2722
Jimenez H., M. 6050
Jiménez Otárola, F. 1103
Jin, J. R. 5332
Jin, K. C. 1221
Jin, K. X. 5290
Jin, L. Y. 4495
Jin, W. C. 6796
Jin, Y. X. 1461
Jindal, S. K. 5863
Jing, W. 1464
Jing, Y. 5897
Jo, D. G. 632-633, 1024
Jo, J. C. 7957, 8172
Jo, T. M. 2709
Jobet J., M. 1329
Jobidon, R. 4786-4787
Jobson, S. 2265
Jöbstl, H. A. 5674
Jochheim, H. 2146
Jocteur-Monrozier, L. 2802
Jodal, I. 3848
Jogia, M. K. 1494
Johannsen, E. 2019
Johansen, R. W. 5766-5767
Johansson, E. M. 4028
Johansson, L. 2079
Johansson, M. B. 2800, 6801
Johansson, P. O. 2070, 2526
Johansson, S. 4028, 7609
Johansson, T. 2063, 3572
Johari, R. 3300
John, P. 2251
John, P. C. L. 2562
Johnsen, K. H. 4270
Johnsen, T. N., Jr. 689
Johnson, A. H. 3757
Johnson, A. M. 1042
Johnson, D. 7978
Johnson, D. K. 3739
Johnson, D. L. 7687
Johnson, D. M. 5154, 6443
Johnson, D. R. 1080
Johnson, D. V. 4815
Johnson, D. W. 3377, 3631
Johnson, E. A. 4255, 5824
Johnson, F. D. 3929, 4850, 7401
Johnson, F. L. 1002
Johnson, G. M. 7789
Johnson, I. G. 4411
Johnson, J. A. 5248
Johnson, J. D. 223, 1913, 2658-2659, 6788
Johnson, J. E. 2649, 2820, 5586
Johnson, K. R. 6762
Johnson, L. A. S. 8031
Johnson, P. N. 6990
Johnson, R. J. 2504
Johnson, R. L. 1284, 1977, 2010, 5646
Johnson, T. E. 6811
Johnson, T. G. 7388
Johnson, W. C. 3002, 7730
Johnson, W. T. 5334, 5336, 7276
Johnson-Knox, D. M. 1152
Johnston, A. E. 2142, 6962
Johnston, C. M. 4990
Johnstone, R. A. 5430
Johri, B. M. 1469
Jolivet, P. 2569
Joly, R. J. 4247
Jonasson, H. 2762
Jones, B. 6214
Jones, B. S. 3445
Jones, C. 5205
Jones, C. G. 7181
Jones, D. 5070
Jones, E. B. G. 3589
Jones, E. W. 1966
Jones, J. G. 6876

Jones, M. B. 361
Jones, N. 1771
Jones, P. D. 4570
Jones, P. S. 2904
Jones, R. L. 4486
Jones, S. 7486
Jones, S. M. 992, 6927
Jong, W. de 7345
Jongerhuis, R. 4382
Jonkers, W. B. J. 1141
Joo, J. S. 149
Joos, K. 4912
Jordis, U. 7853
Jörgensen, J. 1912, 7968
Jormalainen, V. 4360
Joshi, A. P. 3015
Joshi, K. C. 8037
Joshi, R. C. 7680
Joshi, S. 5814
Joshi, S. C. 4584
Joshi, S. R. 1907, 5007
Joshi, T. 6404, 7858
Joslin, J. D. 813, 3599, 4932
Jouhari, J. K. 3691
Jovanović, L. M. 4178
Joy, R. W., IV 4736
Joyal, P. 2648
Joyard, J. 2939, 4347
Joyce, L. A. 5410
Judd, M. J. 6341
Juelson, T. C. 4523
Jugsujinda, A. 2533
Juhász, G. 5666
Juhász, M. 2957
Julen, S. 1117
Julkunen-Tiitto, R. 3706, 5056
Jumbulingam, R. 1870
Juncosa, A. M. 1482
Juneja, B. R. 3846
Juneja, R. K. 7023
Junk, W. J. 6073
Junnarkar, A. Y. 7599
Jura, S. 4223
Jurgensen, M. F. 3439, 5716
Jurik, T. W. 5097
Jusoff, K. 4975
Just, G. 1564
Justin, M. J. 8046
Juzwik, J. 4763
Kabay, E. D. 1223
Kabaya, H. 8101
Kabeerathumma, S. 3965
Kabera, I. 4071
Kabutha, C. N. 1760
Kabzems, R. D. 3538
Kackar, A. 5480
Kackar, N. L. 5863
Kadyrov, A. Kh. 8060
Kagamimori, S. 275, 2842
Kageyama, P. Y. 616, 1041, 7397
Kahn, F. 6988
Kahn, R. K. S. 1924
Kai, C. C. 1517
Kai, Y. 339
Kaiguo, Z. 1114
Kaïlidès, D. S. 1642, 1672
Kailidis, D. 4484
Kaiser, K. F. 4305
Kaiser-Bernhard, C. 4305
Kajfež-Bogataj, L. 6424
Kaji, M. 3722
Kakizawa, H. 4001
Kákoniová, D. 1929
Kakubari, Y. 2045
Kalafadžač, Z. 4881
Kalaghatagi, S. B. 6057
Kalaghe, A. G. 3441
Kalapula, E. S. 3963
Kalia, V. 2360
Kalima, T. 7945
Kalivodová, E. 1000
Kalpana Mishra 1954
Kalyan Chakrabarti 412
Kam, M. de 8001
Kamala, B. S. 2136, 2138
Kamalam, N. V. 4545
Kamaliah, M. 1517
Kamara, I. M. 4246
Kämäri, J. 2100
Kamaruzzman 2926
Kamata, N. 4464
Kamboj, V. P. 1326
Kamenická, A. 3749
Kamenský, M. 5636
Kamil, M. 1546
Kamis, A. 654
Kamitani, T. 935
Kammacher, P. 7108
Kammerbauer, H. 5254
Kamp, B. J. van der 3052
Kamra, S. K. 6740
Kan, M. 4833
Kan, W. H. 4683, 5376
Kan-Fan, C. 2231
Kanamitsu, K. 513, 8033
Kanazashi, T. 6995
Kandeel, S. A. 3646
Kandeel, S. A. E. 517
Kändler, G. 775
Kandler, O. 5106
Kandya, A. K. 6743, 7490, 7944
Kandya, S. 6743
Kaneda, T. 1550
Kanekawa, T. 6938
Kaneko, N. 1540, 7703
Kaneko, T. 7409
Kang, B. T. 2620, 3204, 3388, 5409
Kang, C. H. 2709, 3160
Kang, H. 7966
Kang, H. Y. 3486
Kang, Z. X. 2598, 7182
Kanivets, V. I. 1238
Kanjanapothi, D. 7598
Kannan, K. 5867
Kaňok, F. 4286
Kantarci, M. D. 7543
Kanzaki, K. 7642
Kao, Y. P. 4848, 6281
Kaomini 2032
Kaosa-ard, A. 3039
Kaouadji, M. 2227, 7863
Kaplan, D. T. 3133
Kaplan, M. A. C. 7871
Kaplina, N. F. 2
Kapoor, K. S. 6128
Kapos, V. 3230
Käppeli, T. 6365
Kapur, S. K. 6929
Karadeniz, A. 5655
Karameris, A. 6634
Karatela, Y. Y. 309
Karchesy, J. J. 3709, 3718, 7862
Kardell, L. 280, 6845
Karim, A. B. 6056
Karivaratharaju, T. V. 6144
Karki, M. B. 5535
Kärki-Folkersma, S. 5
Karlsson, B. 151
Karlsson, K. 2063
Karolewski, P. 7745
Karrfalt, R. P. 2652
Karteris, M. A. 3558
Kartzow, A. de 1785
Karunakaran, K. 2024
Karunaratne, V. 6403, 7878
Kasali, L. 2745
Kasenene, J. M. 5105
Kasile, J. D. 6922
Kasir, W. A. 7826, 7917
Kasmi, S. M. H. 7814
Kass, D. 3981
Kass, D. L. 3981, 6050
Kassimani, M. A. 3218
Kasuya, M. 2842
Katagiri, S. 192, 417
Kataoka, H. 7040
Kataoka, K. 2093
Katawatin, R. 3743
Katayama, Y. 340, 7704
Katerere, Y. 3055
Kathaperumal, V. 6412
Kathiresan, K. 5008
Katiyar, V. S. 1712
Kato, A. 2240
Kató, F. 779, 4148
Kato, S. 7245
Katoh, T. 275, 2842
Katovich, S. A. 3372, 7201
Katrushenko, I. V. 3814
Katsumata, T. 2917
Katsumi, S. 793
Katsuno, M. 3495
Katsuta, M. 437, 6995
Katt, S. M. 3640
Katun, B. M. R. 3787
Katz, D. 3443
Kätzler, W. 564
Katzman, M. T. 5388
Katzschner, W. 2850, 6361
Kaufman, M. G. 4925
Kaufmann, M. R. 5467
Kaul, A. 6720
Kaul, V. K. 5869
Kaunisto, S. 1401, 4106, 6183
Kaupenjohann, M. 851, 875, 3177, 5556, 6954-6955
Kaupp, W. J. 7264
Kauppi, A. 5013
Kauppi, L. 2100
Kauppi, P. 2100
Kaushal, A. N. 2133, 3481
Kaushal, P. 6768
Kaushik, J. P. 1492
Kavanagh, R. P. 8103
Kavčič, S. 6904
Kaverzina, L. N. 2175
Kawachi, I. 6124
Kawachi, S. 7042
Kawada, H. 247, 1400, 1408-1409
Kawado, S. 737
Kawaguchi, Y. 3912
Kawahara, T. 2285, 6773
Kawakami, H. 1407
Kawamura, M. 7925
Kawamura, Y. 1436
Kawamuro, K. 401
Kawana, A. 7040
Kawanabe, S. 113, 144, 169, 1309, 7630
Kawanishi, K. 899
Kawano, S. 275, 2842
Kawasaki, T. 898
Kawase, H. 4359
Kawata, Y. 5051
Kaya, H. K. 5967
Kayastha, S. L. 4659
Kazama, Y. 1572
Kazana, V. 1162
Kazaryan, V. V. 3745
Kazimirov, N. I. 7686
Kazmi, S. M. H. 5788
K"drev, T. 3411
Keane, M. 5109
Keane, R. E. 7958
Keane, R. E., II 4402
Kearsley, M. J. C. 5933
Keates, S. E. 3409
Keathley, D. E. 1804, 5552
Keating, S. T. 6544
Kebin, Z. 1114
Kechel, H. G. 7983
Kedharnath, S. 591
Kedir Reshid 6033
Keeley, J. E. 4393, 4396
Keerthisinghe, G. 7594
Keever, G. J. 3243
Kehrli, A. R. H. 7873
Keighery, G. J. 3224
Keilen, K. 4292, 7775
Keim, P. 2356
Keith, C. 7448
Keith, C. T. 3652
Kelkar, V. D. 4620
Kellas, J. D. 2912, 4153, 5220
Keller, R. 4259
Keller, T. 1423, 1432, 5456
Keller, W. 776, 2782
Kelley, W. D. 4356
Kelliher, F. M. 6341
Kellison, R. C. 210, 6501
Kellogg, G. 4260
Kellogg, L. D. 6239
Kellomäki, S. 1133, 4006, 6386
Kelly, B. J. 4386
Kelly, D. 6537
Kelly, J. F. 6891
Kelly, J. M. 833, 3599
Kelly, P. M. 6550
Kelpsas, B. R. 4116
Kelsey, P. D. 5441
Keltjens, W. G. 244-245, 812
Kelty, M. J. 3525
Kemp, W. P. 503
Kempe, G. 2756
Kempe, S. 1179
Kendrick, B. 5038, 5269
Keng, P. C. 1589, 2984
Kenigsten, A. 7901
Kenk, G. 839, 7532, 7557
Kenkel, N. C. 1005, 3463, 4804
Kennedy, C. B. 7380
Kennedy, D. A. 4123
Kennedy, H. E., Jr. 5611, 5645
Kennedy, J. J. 2753
Kennedy, K. A. 1599
Kennel, E. 4231
Kenney, W. A. 4693
Kenny, J. R. 5231
Kenrick, J. 2265, 5857
Keresztesi, B. 5449, 5649
Kerkhof, P. 4591, 4650
Kermasha, S. 7835
Kershaw, J. A., Jr. 6779
Kershaw, K. A. 3819
Keshri, G. 1327
Kessler, W. 6512
Kesteren, A. R. van 217
Kettela, E. G. 520, 2423, 8042
Kettrup, A. 2152-2153
Khabir, M. 352
Khalid, M. 5531
Khalid, S. A. 7016, 7035
Khalili, E. K. 6354
Khalilullah, M. 2945
Khan, A. A. 274, 1422
Khan, A. Q. 5053, 7306
Khan, B. M. 1985
Khan, H. A. 4334
Khan, H. R. 5310
Khan, K. 2157
Khan, M. I. H. 2215
Khan, M. L. 1975, 6784
Khan, M. M. A. A. 2189
Khan, N. U. 2935
Khan, R. 2215
Khan, R. M. A. 907
Khan, S. A. 7843
Khan, S. N. 3864, 5284
Khandale, D. Y. 1323, 6247
Khanna, R. K. 304, 424, 3691
Khanna, R. N. 1560
Khator, R. 1787
Khazada, A. N. 2253
Kherallah, I. E. 3646
Khmilevskii, V. M. 7570
Kholodenko, B. G. 3574
Khomutov, V. P. 1845
Khorasani, N. 5813
Khorram, S. 2761
Khosla, P. K. 1902, 3211-3212
Khuspe, S. S. 1985
Khussein, R. K. 7555
Kicinski, H. G. 2152-2153
Kidd, F. A. 4144
Kiefer, L. L. 5071
Kielbaso, J. J. 7379
Kienast, F. 232
Kienzler, M. F. 6192
Kiermeier, P. 5434
Kiester, R. 5190
Kietzka, J. E. 5519
Kijjoa, A. 1491, 3721
Kikuchi, T. 629, 870
Kikukawa, T. 3127
Kikuzawa, K. 5006
Kilbane, T. P. 2471
Kile, G. A. 8006
Kilgore, B. M. 4993
Kilian, U. 6105
Killingbeck, K. T. 3008
Kilpatrick, K. J. 6131
Kim, C. H. 2750
Kim, C. M. 4222
Kim, C. S. 1221
Kim, D. K. 2665-2666, 2729
Kim, D. S. 615, 7510

Kim, E. G. 2593, 7447
Kim, G. T. 7753
Kim, H. K. 5170
Kim, H. S. 615
Kim, I. H. 3419
Kim, J. H. 639, 1021, 1242-1243
Kim, J. S. 2866
Kim, J. W. 2729, 2750, 3419
Kim, J. Y. 2750
Kim, K. C. 1030
Kim, K. D. 4222
Kim, K. H. 3875, 3947, 8115
Kim, K. S. 1609
Kim, S. C. 1030
Kim, S. I. 136, 191, 2690, 2750, 2880, 7919
Kim, S. K. 2666, 3419
Kim, S. W. 3935-3936
Kim, T. S. 1221
Kim, W. K. 3123
Kim, Y. C. 7526
Kim, Y. J. 1029
Kim, Y. K. 2865
Kim, Y. T. 2947
Kim, Y. W. 175, 3501
Kimberley, M. O. 4945, 6863
Kimchi, M. 5895
Kimemia, J. K. 4544
Kimmerer, T. W. 2843, 2876, 5963, 6566
Kimmins, J. P. 666, 3610, 3803
Kimura, M. 3676
Kincaid, J. C. 5669
Kindlmann, P. 3287
King, B. L. 7173
King, C. J. 4489
King, D. A. 6637
King, G. C. 4051
King, J. G. 7651
King, R. H. 4925
King, R. M. 1542
Kingery, J. L. 1737
Kingsbury, P. 528
Kininmonth, J. A. 4017
Kinlaw, C. 2335
Kinlaw, C. S. 2339
Kinn, D. N. 1071
Kinnunen, K. 6216
Kinoshita, M. 6679
Kintzinger, J. P. 7843
Kinzel, H. 7769
Kioy, D. 3695
Kiprianov, A. I. 7050
Kiprushev, G. N. 2587
Kiran Bala 5251
Kirby, E. G. 1919, 5547
Kirby, K. J. 1128, 4224, 4400
Kirchhoff, J. F. 4877
Kiriinya, C. K. 2632
Kiriyama, N. 4281
Kirkpatrick, J. B. 1013
Kiseleva, T. L. 5048
Kishihara, N. 6370
Kisor, R. 1880
Kiss, R. 5666
Kitagawa, K. 1304
Kitamura, Y. 7292
Kitao, K. 229, 1185
Kittredge, D. B., Jr. 5200
Kiviniitty, M. 5013
Kiyono, Y. 7096
Kjelgren, R. K. 6640
Klass, D. L. 6083, 7394
Klassen, H. D. 131
Klebes, J. 2169, 3651, 5748
Kleijn, C. E. 2096
Klein, E. 3455
Klein, O. 875, 3177
Klein, R. M. 7899
Kleinfeld, L. 6254
Kleis, R. 7022
Klekowski, E. J., Jr. 6498
Klemmedson, J. O. 5555
Klemperer, W. D. 2003
Klepac, D. 109
Klett, J. E. 7370
Kliejunas, J. 3885, 6523
Klimaszewska, K. 3384
Klimetzek, D. 5456
Klimo, E. 808
Klimova, L. S. 2175
Klinge, H. 409
Klinka, K. 924, 1810, 6276
Klocke, J. A. 7032
Klopfenstein, N. B. 7981-7982
Kloppenburg, W. 42
Kluender, R. A. 3496, 4674, 4772
Kluge, H. 6211
Klumpp, A. 7762
Klumpp, G. 6952, 7762
Kmeť, J. 4964
Knabe, W. 6078, 6345
Knapp, E. 756, 1280, 1348, 4079, 4164
Knapp, F. W. 5910
Knapp, K. A. 1659
Knapp, W. H. 145
Knappe, R. 2911
Knapton, R. J. 4608
Knauer, N. 7777
Kneen, H. H. 1271, 3240-3241, 6897-6899
Knemeyer, J. 1165
Knigge, W. 281
Knight, D. G. 1711
Knight, P. 3281
Knight, P. J. 4748
Knighten, J. L. 7165
Knodel, J. J. 7263
Knol, R. F. 2617
Knorr, A. 2727
Knorr, G. 6360
Knowe, S. A. 6496
Knowles, P. 1032, 5140
Knowles, R. L. 5485, 6041, 6045
Knox, D. M. J. 1152
Knox, R. B. 2265, 5857
Knox-Davies, P. S. 4443, 5899
Knyazeva, L. A. 447, 552
Ko, K. D. 1108
Ko, M. G. 7756
Kobak, L. 3007
Kobayashi, H. 206-207, 760, 7363, 7407, 7646-7647
Kobayashi, S. 1379, 1802, 6850
Kobayashi, T. 785
Kobmoo, B. 1889-1890, 1897
Koch, M. 2902
Koch, P. 5012, 5683
Koczwańska, J. 3007
Koczwański, S. 2749
Kodama, T. 1335, 1617
Kodela, P. G. 5130
Kodrík, J. 5702
Kodrík, M. 6066
Koehler, A. R. 6013
Koehler, C. S. 2390, 3893
Koek-Noorman, J. 5160
Koen, J. H. 536, 5993
Koerber, T. W. 2455, 3101, 8084
Koevenig, J. L. 3133
Koffa, S. N. 6351
Koga, S. 6497
Kögel, I. 6327
Köhl, M. 5682
Köhler, E. 7915
Köhler, J. 6311
Kohler, T. A. 6832
Kohls, S. J. 1942
Kohlstock, N. 1930
Kohmoto, M. 337
Köhne, J. S. 1439
Kohnle, U. 3110, 3115, 3911
Kohno, M. 4567
Kohyama, T. 422
Koike, T. 2485
Koizumi, A. 283
Koizumi, C. 6586
Koizumi, H. 880
Koizumi, Y. 4567
Kojima, H. 3699
Kojima, N. 340
Kok, P. D. F. 6447-6448
Kokoshke, A. 420, 5201
Kolabinski, V. S. 102
Kolawole, G. D. 6625
Kolb, T. E. 5226, 6199, 6503
Kolbe, W. 7178
Kölbel, M. 6335
Kolenka, I. 4245
Kolesnikova, R. D. 2704
Kolk, A. 2464
Kollar, A. 6521
Koller, E. 4751
Kollist, P. 7545
Kollwentz, Ö. 4829
Kolodny-Hirsch, D. M. 8085
Koloszár, J. 4073
Komaki, T. 3545
Komar, T. 6728
Komarova, T. A. 6392
Kominami, Y. 7721
Komiyama, A. 7079
Komlenović, N. 440, 4684, 4952
Komori, T. 898
Komura, K. 4281
Konar, J. 1495, 6484
Konca, B. 6957
Kondakov, Yu. P. 3891
Kondo, Y. 6563
Kondoh, H. 3703
Konečný, J. 7583
Kong, F. Z. 797, 804
Kong, L. S. 797
Kong, L. X. 1754
Kong, Y. T. 3160
Konietzka, D. 1386, 4039
König, E. 2479, 3153
König, G. 1533
König, H. C. 1449
Königshofer, H. 7877
Konijn, N. T. 1143
Konishi, H. 247
Konno, C. 7036
Konno, M. 397
Konôpka, J. 4192, 5804
Konstantinova, G. M. 3081
Kontic, R. 843
Koo, J. O. 2709, 3160
Koo, Y. B. 74, 97, 444-445
Kooi, R. E. 8035
Koop, H. 6658
Kooten, O. van 6358
Kopeszki, H. 6333
Kopp, D. 4264
Köpp, R. 4088
Kopp, S. 6253-6257
Koppenaal, R. S. 2092
Kopple, R. Vande 1010
Kopytkov, V. V. 3389, 4744
Korea Republic, Research Team on the Soil Survey 2730
Korelus, V. J. 3400
Korhnak, T. 1913
Korhonen, K. T. 6304
Kořínekova, M. 5087
Kormanik, P. P. 890, 6421
Kormuták, A. 79
Körner, C. 2562
Kornienko, P. P. 6824
Korpel, Š. 5613
Korpilahti, E. 1573
Korseska, G. 1574
Korsgaard, S. 6685
Kort, J. 3949
Korte, C. J. 6046
Korte, F. 7757
Korzukhin, M. D. 2798, 6479
Kosasi, S. 7841
Kosasih, A. S. 1882
Koshel'kov, S. P. 3401
Koshimizu, K. 3722
Kosiński, G. 7479
Koskela, E. 6307-6308
Koskimies, K. 4063
Koslowsky, S. D. 2103
Kossuth, S. V. 5236, 6085
Kost, G. 564
Köstner, B. 4353
Kosztarab, M. 2576
Kotagama, S. W. 4611
Kotar, M. 6862
Kotova, T. A. 4744
Kotschi, J. 1740
Kottke, I. 1047
Kottwitz, K. 3649
Kotze, D. 5746
Kotzias, D. 7053
Kou, J. L. 6795
Kouba, J. 4288
Koukoura, Z. 3702
Kourtz, P. 7790
Kourtz, P. H. 299
Kovács, F. 5620, 5639, 5663
Kowalik, P. J. 1812
Kowalska, I. 6758
Kowalski, D. G. 2369
Kowol, T. 8176
Koyama, K. 1379
Koyanagi, H. 7874
Kozak, A. 3494, 3498
Kozarzhevskaya, È. F. 3081, 7202
Kozhevnikov, A. M. 7434
Kozioł, M. J. 6948
Koz'min, A. V. 3760
Kozuka, H. 275, 2842
Kraak, H. L. 5542
Kracht, R. 6584
Kraft, J. M. 5550
Krahulik, J. L. 6654
Krajci, I. 1531
Krajenbrink, G. J. W. 2161
Krajina, V. J. 1810
Krajňáková, J. 4414, 4735
Kraljić, B. 5328
Krämer, P. 6103
Kramer, W. 1276, 5581, 6376
Kranzler, G. A. 4622, 6686
Krapfenbauer, A. 7692
Krasavtsev, O. A. 1390
Krasny, M. E. 5222
Krasowski, M. J. 1485
Krauhausen, J. 1028
Kraus, J. F. 6152
Krause, C. 4027
Krause, G. H. M. 593
Krause, H. H. 4751
Krauss, H. 6175
Krauss, H. H. 6175, 6328, 6343, 6430
Krautzberger, P. 6630
Krczal, G. 6521
Krebill, R. G. 12
Krebs, M. 7773
Kredler, C. 8182
Kreh, R. E. 2021, 2651
Kremeike, R. 7524
Kremer, W. L. 839
Kremling, U. 1439
Kreutzer, K. 3585, 7805
Kreutzwiser, R. D. 5675
Kreuzig, R. 7757
Kriebel, H. B. 82, 1608
Kriebitzsch, B. H. 1297, 1721
Krieter, M. 7519
Krijgsman, O. 6227
Krinard, R. M. 1284, 2010, 5611, 5645-5646
Krings, B. 2956
Krishnamurthy, K. 153
Krishnapillay, B. 6159
Krishnayya, N. S. R. 2148
Kristanto, A. 3786
Krivosheeva, A. A. 7055
Križo, M. 5087
Krogh, H. J. O. 3330
Krohn, W. B. 1095
Król, A. 3122, 8028
Krönert, G. 1448
Kronfellner-Kraus, G. 4022, 4529
Kronrad, G. D. 604
Kropczynska, D. 5965
Kropp, B. R. 2380, 7129
Kroth, W. 6309
Krott, M. 1832, 6102, 6115
Kr"stanov, K. 2167
Kr"stanov, K. N. 3527, 3536
Krstinić, A. 440-441, 4684
Kruch, J. 5776
Krüger, A. 7046-7047
Kruger, F. J. 6941
Kruijt, B. 3683
Krumland, B. 2721
Krumlik, G. J. 118, 3512

Krupinsky, J. M. 3873
Krusche, D. 3038
Krysztofik, E. 6749
Krzakowa, M. 1016-1017
Ku, Y. C. 5072
Kubát, B. 1911
Kubel, H. 4337
Kubisz, D. 3122
Kubler, H. 2854
Kublin, E. 2582, 8182
Kubo, I. 2907
Kubo, T. 2963
Kubota, J. 1705
Kubota, S. 1335, 1617
Kučera, L. J. 5481
Kuchar, P. 948-950, 2466, 3159, 5985, 6458
Küchli, C. 2548
Kuchma, N. D. 7534
Küçük, Y. 5635
Kudinov, A. I. 3424
Kudrhalt, U. 6
Kudrleová, L. 4285
Kuenen, L. P. S. 2423, 3903, 8042
Kufaĭkina, T. E. 4744
Kugo, C. 4359
Kuhfuss, V. 6729
Kuhlman, E. G. 5898
Kuhn, N. 2782
Kuhnen, F. 6619
Kuhnke, D. H. 38
Kujawski, P. T. 7049
Kukharskaya, L. K. 5719
Kukkola, M. 6184, 6238
Kukor, J. J. 2432
Kula, E. 7323
Kulane, M. A. 2198
Kul'chitskiĭ-Zhigaĭlo, E. I. 8113
Kulej, M. 2623, 7466
Kuleshova, S. I. 4744
Kulhavy, D. L. 3102
Kulkarni, H. D. 7491
Kulkarni, M. B. 6852
Kullman, L. 702, 5104, 7932
Kulman, H. M. 3372
Kumagai, N. 548
Kumagai, Y. 2448, 8175
Kumanotani, J. 1499
Kumar, A. 1460, 5791
Kumar, B. K. V. 5141, 5149
Kumar, B. M. 3965
Kumar, M. S. M. 4546
Kumar, P. K. 4736
Kumar, P. P. 7056
Kumar, R. 930
Kumar, R. R. 4727
Kumar, S. K. 3185
Kumar, V. 2242, 2589, 6403, 7864
Kumashiro, B. 5978
Kumata, A. 7040
Kumawat, D. M. 1429
Kumbhojkar, M. S. 6457
Kume, A. 5557
Kumm, K. I. 151
Kümmel, H. D. 1194
Kummerow, J. 4034
Kuncoro, I. 6049
Kundrík, F. 4844
Kundu, A. B. 2931
Kunert, G. 1172
Kung, F. H. 265-266
Kung, F. S. 452
Kunitskaya, L. F. 1238
Kunstmann, E. 7998
Kuo, P. C. 3161
Kuo, S. R. 451, 3044
Kuo, W. H. J. 6665
Kuo, Y. H. 7011
Kuonen, V. 1367
Kuper, J. H. 2667, 2693, 2701, 3470, 3567
Kupila-Ahvenniemi, S. 7882
Kupke, I. 4187
Kupke, J. 7549
Küppers, J. G. 44
Küppers, K. 6952
Küppers, M. 4345
Kuprina, N. F. 8114
Kurahashi, A. 238, 434, 7973
Kurbanov, A. B. 2862
Kurdali, F. 2127, 7985
Kuriachen, P. M. 5017, 5022
Kurien, K. P. 2251
Kurimura, T. 777
Kurir, A. 508
Kurira, P. W. 3210
Kurki, H. 6232
Kurmann, M. H. 1486, 3680, 7004
Kurmis, V. 1603
Kurniaty, R. 3356
Kuroda, H. 4346
Kuroda, N. 6398
Kuroda, Y. 3250
Kurokawa, Y. 7030
Kuroki, H. 1335, 1617
Kurotaki, H. 3305
Kursar, T. A. 2811
Kurth, H. 1173, 2746, 6298
Kurtz, W. B. 6811
Kuruvilla, P. K. 5125
Kurzejeski, E. W. 2477
Kusajima, S. 1407
Kuser, J. 4752, 4972
Kuser, J. E. 7117
Kushalapa, K. A. 556, 4860
Kushari, D. P. 1495, 6484
Kushida, T. 6586
Küster, H. 977
Kuswara, T. 6994
Kuteev, F. S. 7255
Kutsuna, S. 1407
Kuuluvainen, T. 781, 5775
Kuusipuro, P. 7881
Kuwahata, T. 541
Kuzminski, E. 3579
Kvaalen, H. 1281
Kvaček, Z. 6464
Kwiatkowska, A. J. 961
Kwon, H. M. 632-633, 1022, 1024, 1108
Kwon, O. B. 7418
Kwon, O. W. 75
Kwon, Y. J. 1030
Kyker-Snowman, T. D. 3686
Kylin, H. 2844
La Fage, J. P. 3076
La Vega, F. Tome de 1082
Laacke, R. J. 110-111
Laakkonen, O. 6184-6185
Lääperi, A. 6599
Laar, A. van 4206, 4839, 5583
Laarman, J. G. 5384
Labadie, R. P. 7841
Labarre, S. 1521
Labeke, M. C. van 6721, 7372-7373
Labidalle, S. 7498
Labrecque, M. 5561
Lacey, J. R. 3930
Lachance, D. 2126, 7448
Lachmansing, S. S. 5076
Lacinová, L. 7408
Lackner, R. 4295
Ladeira, H. P. 227
Ladeĭshchikova, E. I. 477
Ladiges, P. Y. 1470-1471, 5028, 6450
Lado, P. 917, 919, 2961
Ladrach, W. E. 1206
Laflamme, G. 2363-2364
Lagercrantz, U. 1255, 4413
Lago, R. 1512
Lagurin, L. G. 2892
Lahane, B. N. 6247, 6710
Lähde, E. 5428
Lähdesmäki, P. 6923, 7881
Lahiri, A. K. 4711, 5369, 5394
Lahjie, A. M. 3474
Lahti, T. 964
Lahtinen, A. 1337
Lai, S. D. 1018, 4119
Laidlaw, T. F. 2628
Laiho, O. 1260, 4746, 6323
Laily, D. 5067
Laing, J. E. 4470
Lajis, N. H. 5067
Lakhanpal, T. N. 1148, 2122, 2387
Lakhtanova, L. I. 7627
Lakshmana, A. C. 2714
Lakshmanan, K. K. 2267
Lakshmi, V. 1327
Lal, C. B. 1689, 2293
Lal, H. 647
Lal, P. 1771
Lal, R. 1773-1776, 3193-3194, 6352
Laliberté, S. 1922
Lalji Prasad 5310
Lalonde, M. 1922, 2352, 2378
Lama, D. 2365
Lamant, A. 2927, 7502
Lamb, F. B. 204
Lamb, J. G. D. 1219
Lambardi, M. 1244, 5156
Lambert, M. J. 4920, 8103
Lambeth, C. C. 3034, 3835
Lamble, G. W. 230, 273
Lambrecht, M. 7271
Lamersdorf, N. 6916
Lamichhaney, B. P. 50
Lamina, B. L. 309
Lammer, D. L. 3750-3751
Lamont, B. 393
Lamont, B. B. 4135
Lamprecht, H. 599
Lamson, N. I. 5641, 5653
Lan, X. G. 824
Lana, K. 1745
Landers, J. L. 1695
Landis, T. D. 2652, 5468, 6772
Landmann, G. 3756
Landmann, L. 6253
Landolt, W. 2782
Landsberg, J. 7179
Landsberg, J. J. 4014, 4036
Landwehr, V. R. 4486
Lane, P. B. 688, 1302
Lanfranco, D. 8036
Lange, H. 1718
Lange, K. de 5399
Lange, O. 2697
Lange, O. L. 916, 4034, 4353, 5108, 5478
Lange, P. W. 5732
Lange, W. 4337
Langebartels, C. 6964
Langerud, B. R. 1480
Langkamp, P. J. 1710
Langor, D. W. 6562
Långström, B. 3072
Langton, S. D. 5411
Lanier, G. N. 502, 5295, 7168
Lanner, R. M. 5088
Lansu, A. L. E. 7785
Lantagne, D. O. 2681
Lanteigne, L. J. 14
Lantz, C. W. 6152
Lanz, W. 8059
Lao, X. M. 6546
LaPasha, C. A. 1462
Lapeyrie, F. 5878
Lapid, M. R. G. 2892
Lapis, A. B. 3779
Lapis, E. B. 509, 519
Lappi, J. 4202
Lara-Fernandez, V. 5875
Larew, H. G. 7263
Larher, F. 255
Lark, K. G. 2356
Larock, M. D. 1633
Larsen, A. O. 5904
Larsen, D. R. 6848
Larsen, M. J. 5716
Larsen, N. 5105
Larson, B. A. 1755
Larson, D. W. 3812
Larson, M. M. 703, 6922
Lasco, R. D. 3995
Lasn, R. 1476
Lassoie, J. P. 836, 2564, 3633, 7736
Lastimosa, P. J. 3327
Lataimauni, H. 5923
Latché, A. 922, 2964
Lattke, H. 4080
Latto, J. 3087
Lauer, D. K. 2676
Laumonier, Y. 4888
Laurent, C. 4640, 4841
Lautenschlager, R. A. 1092
Lavallée, A. 479, 5889, 7560
Lavallée, R. 3900-3901, 5305, 7197
Lavdas, L. G. 5765
Laven, R. D. 4389
Lavigne, M. B. 359, 2689, 6806
Lavsund, S. 534
Lawrence, R. K. 1067
Lawrence, W. 1419
Lawrenz, K. P. 4566
Lawrie, J. 1710
Lawton, J. H. 4473
Lawton, N. F. 6705
Lawton, R. O. 5217, 6524
Layne, J. N. 6004
Layton, P. A. 484
Lazarev, A. S. 6903
Lazareva, A. I. 3132, 7241
Lazier, J. R. 4822
Lazos Chavero, E. 3203
Le, N. T. 2370
Le Houérou, H. N. 7083
Le Men-Olivier, L. 5047
Le-Quôc, D. 918
Le-Quôc, K. 918
Lea, R. 1939
Leach, G. J. 2226
Leach, M. 1381
Leadem, C. L. 3881
Leak, W. B. 4024, 5214, 5619
Leal, A. C. 1109
Leal, L. C. 4128
Lean, J. 4541
Lear, D. H. van 6373
Leary, T. 5346
Leather, S. R. 1068, 7190
Leatherberry, E. C. 4233
Leatherman, D. 2412
Leavitt, S. W. 5073
Lebedev, E. A. 3389
Lebedev, V. E. 7618
Leben, C. 5909
Lebkov, V. F. 3813
Leblanc, J. D. 6800
Lechevalier, M. P. 3879
Lechner, E. G. 3747-3748
Lechner, W. 4220
Leckie, D. G. 214
Leclercq, J. 3925
Lecomte, H. 6816
Ledbetter, J. 5236
Ledbetter, J. R. 1333, 1357
Ledgard, N. J. 6981
Ledig, F. T. 4422
Lee, B. C. 1243
Lee, B. S. 1029
Lee, B. Y. 3917
Lee, C. C. 67
Lee, C. L. 325, 852
Lee, C. U. 8068
Lee, C. Y. 149, 1443
Lee, D. K. 3451, 3458, 4112, 4146
Lee, D. W. 1387, 2260
Lee, G. S. 615
Lee, H. H. 4331, 8116
Lee, H. K. 136, 175, 191, 2690, 2751, 7610
Lee, H. P. 8033
Lee, J. S. 6858
Lee, J. W. 3794
Lee, K. H. 3458, 4112, 7011
Lee, K. J. 7756, 7957, 7989, 8070, 8172
Lee, K. N. 7612
Lee, K. R. 8068
Lee, K. Y. 613-615, 1025, 7679
Lee, L. L. 6600
Lee, M. A. B. 5815
Lee, M. B. 2819
Lee, M. H. 640-641
Lee, M. J. 450, 1677, 3921
Lee, N. H. 615
Lee, P. F. 537
Lee, P. W. 327, 7821
Lee, R. 3379

Lee, S. J. 75
Lee, S. K. 74, 97, 444, 879, 1243
Lee, S. M. 7032
Lee, S. P. 7510
Lee, S. R. 613
Lee, S. S. 1045
Lee, T. J. 7011
Lee, T. S. 2665-2666
Lee, W. G. 3452, 6990
Lee, W. K. 149
Lee, W. Y. 3419
Lee, Y. B. 1023
Lee, Y. C. 87, 3044, 6937
Lee, Y. J. 2821
Leek, N. A. 140, 231
Leemans, R. 1009
Leener, P. de 4602
Leeuwenberg, A. J. M. 2276
Lefkovitch, L. P. 5204
Legault, D. 2363-2364
Legay, J. M. 3687
Legseir, B. 1521
Lehotský, L. 3465, 4161, 4784
Lehto, T. 6198
Lei, G. C. 5308
Lei, L. I. 7296
Lei, Y. Q. 4452
Lei, Z. P. 4452
Leibundgut, H. 1176, 1858
Leide, J. E. 7766
Leidig, M. 2782
Leikola, M. 4023
Leininger, W. C. 1997
Leis, H. 2673
Leitão Filho, H. de F. 7941
Leith, I. D. 4955-4956
Leitholdt, B. 4176
Lejeune, P. 3563
Lelu, M. A. 6165
Lembach, A. 5092
Lembcke, G. 756, 4149
Lemée, G. 5837
Lemhöfer, D. 28
Lendzian, K. J. 914
Lenihan, J. M. 5184
Lenz, O. 2967
León, E. 7849
León de la Luz, J. L. 4387
Leone, I. A. 1715
Leonelli, G. 3539
Leong, W. F. 3589
Leou, S. P. 2920
Lepekhin, A. A. 6616
Leppe, D. 5533
Leprieur, C. E. 3554
Leps, J. 3287, 4188
Leroy, J. F. 7065
Lescure, J. P. 7634, 7795, 7922, 7955-7956
Lesiński, J. 3007
Leskó, K. 5947
Leslie, A. D. 6750, 7343
Leslie, A. J. 1368
Leslie, C. 648
Leslie, C. A. 3850
Lesney, M. S. 1913, 3415, 3762
Lessani, M. R. 4836
Lessényi, B. 5665
Létourneau, J. P. 2077
Letouzey, R. 4578-4579
Lettl, A. 3601, 4269
Leube, F. 4284
Leufvén, A. 7219, 8063
Leuken, P. van 3628
Leuppi, E. 2141
Leur, M. van 1757
Leuschner, K. 2906
Leuschner, W. A. 8098
Leustek, T. 5547
Lev-Yadun, S. 1465
Levack, H. 3569
Leveille, G. 1240
Levey, D. J. 1580, 5163
Levieux, J. 5460, 7205
Levin, É. D. 2230, 2238, 3746
Levin, S. A. 1836
Lévy, G. 3756
Lewandowski, A. 7742
Lewark, S. 2851, 5650
Lewis, A. M. 1223
Lewis, C. E. 1744, 6972
Lewis, D. K. 2736
Lewis, G. P. 7127
Lewis, N. G. 1564, 3738
Lewis, R., Jr. 5892
Lewis, T. 419
Lewis, V. S. 218
Ley, S. V. 2904
Leyval, C. 1044
L'Hirondelle, S. J. 274
Li, C. 3181
Li, C. D. 488-489, 1644, 2393, 2397, 3053
Li, C. Q. 4753
Li, C. S. 1754
Li, C. Z. 292
Li, D. Y. 5507
Li, D. Z. 2979
Li, F. Y. 7310
Li, G. Q. 717
Li, G. Y. 7272
Li, H. C. 2080, 6796
Li, H. G. 2583
Li, J. Y. 2031
Li, K. L. 1488
Li, K. Z. 4190
Li, L. Y. 2783
Li, M. C. 478
Li, M. D. 341, 343
Li, P. T. 377
Li, S. J. 2031
Li, T. S. 4475-4476
Li, W. D. 1859
Li, W. Z. 135
Li, X. 3036
Li, X. F. 34
Li, X. L. 7272
Li, X. Z. 7767
Li, Y. D. 1754
Li, Y. J. 2580
Li, Y. S. 5373
Li, Z. H. 2462
Li, Z. J. 305, 3036
Li, Z. L. 325, 852
Li, Z. M. 969
Li, Z. Q. 2080
Li, Z. W. 5718
Li, Z. Y. 4481
Lian, Y. H. 24
Liang, C. J. 4466
Liang, D. L. 1459
Liang, D. M. 6680
Liang, G. T. 2959
Liang, J. 2080
Liang, J. S. 2889
Liang, Q. W. 505, 4475
Liang, Y. Q. 1481
Liang, Z. C. 5902
Liao, C. L. 1325
Liao, J. C. 2973-2974, 6451
Liao, T. S. 6197
Libby, W. J. 1927
Libby, W. S. 7105
Liben, L. 7066
Liberalino, A. A. A. 7838
Lieberman, D. 2296
Lieberman, M. 2296
Liebig, G. 3491
Liebold, E. 6096
Liebschner, I. 1213
Liedeker, H. 7899
Lieffers, V. J. 4947
Liegel, L. H. 5562
Liengsiri, C. 1891
Liese, W. 2890, 4323, 4619, 4968, 4977, 8176
Lieutier, F. 3054, 3910
Liew, T. C. 3301
Liljeström, R. 1853
Lilly, A. 1726
Lim, K. L. 1045
Lim, K. P. 524, 8088
Lima, P. D. de D. B. 2922
Lin, C. C. 2894, 5051
Lin, C. Y. 881, 1451
Lin, J. D. 4898
Lin, J. F. 76
Lin, J. H. 453
Lin, J. X. 1466
Lin, L. Z. 6406
Lin, M. Z. 240
Lin, N. H. 7735
Lin, P. 738, 4385
Lin, S. H. 6937
Lin, S. M. 6481
Lin, S. S. 3161
Lin, S. Z. 25
Lin, T. Y. 2758
Lin, W. D. 8125
Lin, W. T. 377
Lin, X. D. 5897
Lin, X. J. 5903
Lin, Y. Q. 1611
Lin, Y. S. 537, 6600
Linares Prieto, R. 6790
Lindberg, S. E. 2837, 2846
Lindelöw, Å. 7224
Linder, S. 4036, 4128
Linderman, R. G. 3404, 3854
Lindgren, B. S. 1684, 3117, 8065, 8082
Lindgren, D. 7105
Lindgren, M. 6536
Lindgren, P. A. 1862
Lindholm, T. 867
Lindley, D. K. 1299
Lindner, M. 7727
Lindroth, R. L. 344, 5911
Lindström, M. 7222
Lindstrom, O. M. 3245
Ling, S. Y. 65
Ling, Y. B. 5391
Lingg, W. 1140
Lingg, W. A. 965, 1140
Linhart, Y. B. 431-432
Linkins, A. E. 6920, 7709
Linton, D. A. 527, 3119, 3147, 5321
Lioi, L. 7986
Lipas, E. 6182
Liphschitz, N. 1465, 3515, 3896-3897, 5173, 5443
Lipoglavšek, M. 6879
Lipsanen, P. 5
Lira, R. 5189
Lisbach, B. 7895
Lisbão Junior, L. 2785
Liška, J. 2464
Lišková, D. 1929
Liss, B. M. 3162
Lithuanian SSR, Akademiya Nauk Litovskoĭ SSR, Institut Botaniki 4002
Lithuanian SSR, Lietuvos TSR Mokslų Akademijos Botanikos Institutas 4002
Litsinger, J. A. 5979
Little, E. L., Jr. 4371, 7588
Little, S. N. 5736
Litwin, T. S. 5355
Liu, C. J. 5644, 7613
Liu, F. 504
Liu, F. J. 4273
Liu, F. S. 2031
Liu, G. 2461, 2910
Liu, H. E. 1473
Liu, H. S. 504
Liu, J. 284
Liu, J. C. 4747
Liu, J. G. 4937, 8110
Liu, J. P. 3797
Liu, J. X. 4077
Liu, K. C. S. 7500
Liu, R. X. 7171
Liu, S. C. 1343, 4848
Liu, S. J. 6016
Liu, W. W. 4892
Liu, X. 2910
Liu, X. D. 5507
Liu, X. F. 7270
Liu, X. W. 2344
Liu, Y. C. 142, 1451, 7101
Liu, Y. H. 1018
Liu, Y. Q. 1459, 4479, 5124
Liu, Y. R. 4273
Liu, Y. Y. 5306
Liu, Z. C. 1018
Liufang 504
Liukkonen, K. M. H. 6356
Livingston, N. J. 2788
Llewellyn, G. C. 1638
Llewellyn, M. 4463
Lloyd, C. R. 5700
Lloyd, F. T. 6373
Lo, H. C. 318, 1487, 2879
Lo, H. H. 4793
Lo, L. C. 2732
Lo, S. L. 186, 2592, 2763-2764, 3234
Lo, Y. 2759
Lo-Cho, C. N. 4793
Lobanov, A. I. 3952
Lobo, E. A. 4969
Loboda, T. 6421
Lobreau-Callen, D. 1579
Lobstein-Guth, A. 3725
LoBuglio, K. F. 5257
Lochman, V. 7738
Lochow, A. von 4803
Lockhart, B. E. 8019
Lockow, K. W. 1338, 4155
Lockwood, R. N. 4392
Lodge, D. J. 1046
Lodha, V. 4334
Lodhi, G. P. 1739, 6029
Lodhi, M. A. K. 1002
Loenen, E. van 812
Löffler, H. 43, 6314
Löffler, J. 7755
Löfgren, K. G. 2070, 2323, 2327, 2526
Löfqvist, J. 3150, 7223
Löfström, I. 5428
Logan, J. W. M. 7186
Logan, R. S. 1949
Logan, V. S. 7131
Logofet, D. O. 3004
Logoĭda, S. S. 3141
Loh, C. S. 3380
Lohmann, H. 6606
Lohmann, K. 7278
Lohmann, L. 7322
Lõhmus, K. 1476
Loizeau, P. A. 6459
Lokvenc, T. 4147, 7737
Lomax, R. D. 3616
Lombard, F. F. 5865
Lomský, B. 3402
Londoño, X. 6454
Long, A. 5073
Long, G. E. 3092
Long, H. 893
Long, J. N. 1354, 3793
Long, R. Z. 4327
Long, S. E. 706, 3475
Long, T. D. 6189
Longman, K. A. 5138-5139
Longo, R. 4335
Lonsdale, D. 1054, 1137
Lontsi, D. 3693
Loo-Dinkins, J. A. 3835
Loomis, J. B. 3942
Looney, J. H. 3819
Loopstra, C. 2335
Lopatin, A. V. 7585
Lopes, A. 4248
Lopes, J. N. C. 7834
Lopes, L. R. 789
Lopes, M. I. M. S. 806, 861
Lopes, M. N. 1502
López, J. A. 3724
Lopez, J. L. 5064
Łopusiewicz, R. 6777
Loreau, M. 2408
Loree, M. A. J. 1052
Lorenc-Plucińska, G. 4963, 7743-7744
Lorence, D. H. 6452-6453
Lorences, E. P. 7000
Lorenz, M. 1840
Lorenzi, E. M. 2129
Lorenzini, G. 3576
Loria, R. C. 5074
Lorimer, C. G. 5218
Lorio, P. L., Jr. 5322
Lorrain-Smith, R. 4046
Lösekrug, R. G. 8058
Lösing, H. 2561, 3403
Lothner, D. C. 4680
Lotti, G. 7007
Lou, Y. P. 2345
Louis, A. M. 1585

Louis, I. 7136
Loukas, M. 3894
Louman, B. T. M. 563
Loustau, D. 2789
Louviere, J. J. 6641
Louw, S. 1074
Lovas, O. 3886
Lovchii, N. F. 6283
Loveless, M. D. 2328
Lövestam, G. 4028
Lovett, G. M. 2089
Lowe, D. J. 402
Lowe, J. J. 5166, 5839
Lowe, K. F. 3189
Lowe, P. 226
Lowe, S. 5166
Lowe, V. P. W. 863
Lowe, W. J. 2165
Lowell, K. E. 2004, 3420
Lowen, C. Z. 5094
Lowman, B. 704-705
Lowney, M. S. 2472
Lowry, J. B. 5772, 6031
Lowry, P. P., II 1586
Löyttyniemi, K. 1667, 3909, 6599
Lozano A., M. 7078
Lu, C. F. 4476
Lu, D. A. 4078
Lu, J. P. 2538, 5392
Lu, J. Y. 2080
Lu, K. C. 142, 1451, 7101
Lu, R. Q. 3073
Lu, S. T. 2920
Lu, S. X. 3037, 6169
Lu, S. Y. 381-382, 388
Lu, W. 4103, 4491
Lu, X. H. 2397
Lu, X. X. 349
Lu, Y. L. 1481
Lu, Z. Z. 7036
Lubega, A. M. 3192
Lubrano, L. 1250
Luca, P. de 943
Lucas, G. 2746, 4214
Lucas, P. W. 6951
Lucia, M. A. della 152
Lucia, R. M. della 3648, 3674
Lücke, O. 1116
Lückge, F. J. 5667
Lüdemann, E. A. 4760
Lüdemann, G. 7577
Ludolf, I. C. 1696
Ludwig, J. A. 5488, 5846-5847
Ludwig, M. 1555
Ludwin, W. G. 1839
Luedeke, M. C. 4244
Lugo, A. E. 829, 4651, 5381, 6673, 6687
Lugo P., R. 8153
Luik, A. 2438
Luis, J. G. 7836
Luke, A. 6009
Luley, C. J. 5285, 5896
Lum, S. 7095
Lumme, I. 649, 1052, 1260
Lund, G. 7652
Lund, H. G. 13, 211, 4616-4617
Lundborg, A. 1637
Lundell, Y. 814
Lunderstadt, J. 7191
Lundin, L. 7300
Lundquist, P. O. 2128
Lunney, D. 5346, 6596
Luo, T. G. 135
Luo, Y. C. 800
Lüpke, B. v. 5580, 5693
Lüpke, R. 1172, 6250
Lupuşanschi, S. 5725
Lüscher, D. 7827
Lüscher, P. 2782
Lust, N. 353, 1965, 2668, 2742
Luterbacher, R. 7457
Lutosch, F. 7524
Luukkanen, O. 7609
Lux, H. 6318
Lux, W. 3595
Luxmoore, R. J. 232
Lyly, O. 6232
Lynch, A. M. 6872, 8141
Lynch, D. L. 5395, 5395
Lynch, J. F. 5361
Lynch, T. 4794
Lynch, T. B. 2073
Lyon, L. J. 4040, 5358
Lysyk, T. J. 4469, 5934, 7207
Lytton, R. L. 6016
Lyubchenko, V. M. 7099
M., A. D. 1794
M., G. D. 3239, 7371
M., K. D. 3338
Ma, B. X. 7036
Ma, F. L. 3181
Ma, L. L. 650
Ma, N. X. 2599, 2889
Ma, R. J. 5786
Ma, Z. L. 2889
Ma, Z. S. 5309
Maarel, E. van der 425, 584, 1012
Maaren, A. van 4013, 6623
Maas, P. J. M. 5160
Maazullah Khan 3405
Macadam, A. 6978
McAlpine, R. S. 297, 4992
McAneney, K. J. 6341
McArdle, A. J. 5439, 6456
McArthur, E. D. 7400
McAvoy, D. 2849
McBride, J. R. 1874, 3676, 4234
McCadden, R. J. 3561
McCaffery, M. W. 1913
McCain, A. H. 2390, 2654, 5293, 6645, 7996
McCain, D. C. 2781, 2830
McCall, D. R. 574
McCall, E. 5236
McCarthy, B. C. 370, 6787
McCarthy, R. 5109
McCarthy, R. G. 4807
McCaskey, T. A. 4601
McCaughey, J. H. 234
McCauley, D. 5473
McCauley, D. E. 7240
McCavish, W. J. 687
McChesney, J. D. 7865
McClanahan, T. R. 1011
McClaran, M. P. 862
McCleary, B. V. 1567
McClenahen, J. R. 850
McClure, J. P. 6887
McColl, J. G. 4917
McConnell, J. L. 3371, 6489, 6823
McConnell, S. P. 4270
McCormack, M. L., Jr. 1092, 5589-5590
McCown, B. 2355
McCown, B. H. 1917, 3376
McCracken, F. I. 3866, 4425
McCreary, D. D. 6797
McCullough, D. G. 6572
McCusker, P. 4606
McCutcheon, C. 4650
McDaniel, A. 3758
McDaniel, C. A. 1553
MacDicken, K. 6540
MacDicken, K. G. 4081, 5331, 6540, 7468
McDill, M. E. 7419
McDonald, G. I. 4437, 7141, 8012
McDonald, P. M. 132, 3341, 5458
MacDonald, R. C. 2843
McDonald, S. E. 6770
McDougald, N. K. 7280
McDuffie, K. E. 6894
McFadden, G. 1838, 4781
McFadden, M. 5331
McFarland, M. J. 4025
Macfarlane, M. A. 6597
McGaughey, S. E. 4587, 6114
McGee, C. E. 239, 683
McGilvray, J. M. 4026
McGlone, M. S. 2992
McGowan, D. W. J. 4612
McGranahan, G. 648, 5513
McGranahan, G. H. 3035, 3850
McGrath, J. F. 5273
McGrath, T. P. 195-196
McGregor, M. 5484
McGregor, M. D. 8081
McGregor, R. K. 4663
Machado, M. I. L. 7854
McHardy, W. J. 5070
McHenry, M. L. 4596
Machfudh, W. E. 4537
Machida, S. 1601
Machold, O. 7765
MacIntyre, A. A. 1199
McIntyre, D. D. 3607
McKay, H. M. 3499
Mackay, J. 2496
MacKay, T. S. 5591
McKee, A. 4401
McKenney, M. S. 4961
Mackenzie, J. A. 7106
MacKenzie, M. 3869, 7151
MacKenzie, M. D. 427
McKenzie, N. L. 2481, 3224
McKenzie, T. 4676
Mackey, B. G. 3226
McKey, D. B. 959
McKimm, R. J. 3129
McKinley, C. R. 6798
MacKinnon, A. 6825
MacKinnon, J. A. 3268
Macklin, B. 5772, 6033
Macklin, W. 2537, 5772, 6033
Maclaren, J. P. 8155
Maclaren, P. 5464, 5484
Maclauchlan, L. E. 6234
McLaughlin, J. L. 7839
McLaughlin, S. B. 4776
McLean, A. 1687
MacLean, C. D. 219-220, 6895-6896
MacLean, D. B. 1497
McLean, J. A. 1668, 3126, 6568
McLean, S. 5076
McLeay, D. 3449
McLellan, T. M. 3640
McLemore, B. F. 3440
McLeod, A. R. 2143
MacLeod, D. A. 2806
McLeod, F. E. 6822
MacLeod, L. S. 7181
McMahon, T. A. 4175
McManus, M. L. 6543, 7260
McManus, P. S. 5280, 7153
Macmillan, D. C. 3313
MacMillan, P. C. 3591
MacMillan, R. H. 4175
McMinn, J. W. 722
McMinn, R. G. 3438
McMullen, L. H. 527, 3119, 5953, 8087
McMurtrie, R. E. 4036
McNab, W. H. 728, 6278
McNabb, D. H. 3665
McNabb, H. S., Jr. 7981-7982
MacNaeidhe, F. S. 1992
McNamara, D. G. 4504
McNamee, P. J. 8003
McNaughton, K. G. 2499
McNeil, R. C. 1939
McNiel, R. E. 5437
McNulty, S. G. 3640
McPhail, A. T. 7011
McPhail, D. R. 7011
McPhee, J. R. 1680
McPherson, E. G. 2503
McPherson, G. R. 4130, 8094, 8096
McRae, S. D. 4314
McRoberts, R. E. 1620, 3047
McTague, J. P. 2476
McTainsh, G. 3798
McTavish, H. 5091
McWilliams, E. L. 4532
McWilliams, W. H. 759, 764-765, 4872, 5671
Madagascar, Département des Eaux et Forêts de l'Ecole Supérieure des Sciences Agronomiques 7384
Madany, M. H. 2983
Madar, Z. 5895, 7251, 8000
Maddelein, D. 2670
Maddox, J. V. 7260
Madec, S. 3275
Madeira, M. A. V. 4303
Madeira, M. V. A. 4777
Madgwick, H. A. I. 4749, 4946
Madhulika Sinha 2291
Madhyastha, M. N. 4826
Madoffe, S. S. 2331
Madsen, S. F. 1857
Maes, J. M. 1665
Maessen, P. P. T. M. 2693, 3567
Maestri, R. 2639
Maezawa, K. 7561
Maffei, M. 456
Magan Bihari 2293
Magasi, L. P. 3048
Magdwick, N. 7356
Magee, T. V. 1536
Magel, E. 5011
Maghembe, J. A. 3363
Magini, E. 1216
Magnanini, E. 7504
Magnavacchi, A. 5500
Magnessen, S. 4409
Magnuski, K. 6781
Magnussen, S. 194, 1983, 2333
Magri, D. 966
Maguire, C. C. 2478
Mah, A. M. 6366
Maher, T. F. 2431, 3904
Maheswaran, J. 818
Maheswardu, G. 5188
Mahler, G. 2169, 3651, 5748, 7772
Mahmooduzzafar 2215
Mahmoud, A. M. 7917
Mahmoud, E. N. 902
Mahrer, F. 6432
Maia, J. G. S. 1518, 1522
Maier, K. 5935
Maillard, P. 308
Main, H. A. C. 3325
Maiseenok, A. P. 7540
Maithani, G. P. 4703, 4941, 5378
Maiti, S. 6030
Majd, A. R. 4885
Majdi, H. 834
Majer, A. 5142
Majer, J. D. 5579
Majerczyk, K. 2686
Majerus, K. A. 10
Majhi, S. K. 6030
Major, M. 4676
Majunke, C. 1653
Majzlan, O. 4933
Majzlanová, E. 4933
Maka, J. E. 6894
Makeschin, F. 1447, 5555
Makhan'kov, V. V. 2336
Makhnev, A. K. 2336
Makhoukh, J. 7199
Makkné Tihanyi, É. 5750
Malá, J. 4098
Malabika Ray 7057
Malajczuk, N. 5879-5880, 5884
Malamassam, D. 1350
Malan, E. 1549
Malan, F. S. 4984, 5245, 5861
Malan, J. C. S. 7875-7876
Malan'in, A. N. 250
Malaret, L. 3199
Malato-Beliz, J. 8093
Malaysia, Forest Research Institute Malaysia 3249
Malaysia, Rattan Information Centre 2982
Malcolm, D. C. 3499
Malcolm, R. L. 2800
Maldiney, R. 3744
Maldonado, M. 4183
Maldonado Aguirre, L. J. 8134
Malessy, C. H. 5926

Malhotra, K. C. 5433
Malhotra, S. 3698
Malhotra, S. S. 274, 1422
Malicsi, L. C. 3327
Malik, A. 5053
Malik, N. 130
Maliş, V. 5576
Mälkönen, E. 6282
Mallardi, F. 6093
Mallavarapu, G. R. 1506
Mallett, I. 1567
Malley, A. M. 6604-6605
Mallik, H. 1520
Malmgren, R. C. 5395
Malterud, K. E. 3723
Malvick, D. K. 2400
Malyarov, B. P. 6807
Malychenko, E. V. 390
Malyon, H. 4215
Mamada, S. 1436
Mamaev, Yu. B. 7226
Mamanteo, B. P. 105, 547
Man, R. Z. 5371
Manabe, I. 397, 418
Manan, S. 1122
Manchester, S. R. 6464
Mandal, S. 1328
Mandallaz, D. 6431
Mandel, N. L. 5854
Mander, Ü. 7777
Manders, P. T. 1298
Manderscheid, B. 6606
Mandhu Mohan 5900
Manenti, G. 5500
Mangal, J. L. 2173
Mangel, M. 7248
Manilal, K. S. 7385, 7944
Manion, P. D. 486, 3871-3872, 5893
Manisha Sanyal 882
Manivachakam, P. 802
Manju Kapil 2244
Manju Sharma 2216
Manjunath, A. 5249
Mańka, K. 7169
Maňkovská, B. 270
Mann, F. D. 2367
Mann, J. S. 1761
Mann, R. D. 6027
Mann, S. K. 2244
Manokaran, N. 3784
Mansfield, T. A. 6951
Manson, D. C. M. 3128
Mansy, W. 3441
Mantau, U. 6313
Mantsevich, E. D. 7478
Manville, J. F. 5061, 7860, 8087
Mao, H. X. 2462
Maquirino, P. 5216
Marangoni, A. 2908, 7835
Marca, O. la 665
Marcar, N. E. 3353
Marchini, F. 7007
Marci, A. 2605
Marcos, M. 3697
Marcović, J. 3592
Marden, M. 7309
Marechal, P. 7060
Marek, M. 952, 3402, 6423
Marekov, N. L. 2943
Marengo, E. 7918
Marev, Zh. 2195
Marfo, E. K. 6411
Margheri, M. C. 4428
Margolis, H. 2382
Margolis, H. A. 5089
Margules, C. R. 2551, 3223-3224
Mariam, D. H. 2261
Mariani, M. 4019
Mariani, P. 6402
Mariano, G. 651, 723, 1035, 4548
Marien, J. N. 55, 6322
Marin, B. 575
Marin, R. 1340
Marinov, D. 3471
Marinov, M. D. 3471
Marion, D. F. 7263
Marion, J. L. 567
Marion, S. P. 1984
Mark, A. F. 2316, 4386
Markalas, S. 1642, 4484, 7198
Markert, B. 5079, 7851
Markham, K. R. 7870
Markin, G. P. 1080
Markkola, A. M. 4282
Markley, J. L. 2781, 2830
Marklund, L. G. 2739-2740
Markov, V. A. 3089
Marković, J. 3593
Marks, G. C. 7162
Marmillod, A. 3983
Marose, B. H. 6670
Marquard, R. D. 751
Marques, I. 6947
Marquis, R. J. 371, 2416
Marroquín, J. 7937
Marschall-Weyerstahl, H. 7018
Marschner, B. 3632, 6764
Marschner, H. 828
Marsden, M. A. 1576, 1659, 8003
Marsden-Smedley, J. B. 5123
Marsh, D. C. 5093
Marsh, R. E. 6667
Marshall, J. D. 2154
Marshall, K. A. 5228
Marshall, P. L. 6276
Marston, R. A. 5753
Martell, D. L. 2182
Marten, K. D. 3338
Martikainen, P. J. 2795
Martin, A. J. 1285, 2661, 3310, 5586, 6241
Martin, C. 1289
Martin, C. A. 6324
Martin, C. W. 8118
Martin, F. 462, 1043
Martin, G. L. 7423
Martin, M. M. 2432
Martin, M. T. 1557, 3714, 7015
Martin, N. E. 4437, 7141
Martin, P. 4961
Martin, R. E. 5472, 5599
Martin, W. L. 268
Martinat, P. J. 7203
Martindale, D. 4650
Martinez, A. Equihua- 4483
Martínez, H. A. 699
Martinez, H. E. P. 825
Martínez, J. 5189
Martinez, M. 3131
Martinez, S. 3690
Martínez H., H. A. 4865
Martínez Higuera, H. 6712
Martínez M., O. 6631
Martinický, S. 5673
Martins, F. R. 4390, 5182
Martins, P. S. 7397
Martinsson, O. 151
Marty, T. 6155
Marty, T. L. 6133, 6155
Martyn, C. N. 6705
Marunda, C. T. 6725
Maruta, Y. 569
Marutani, T. 1334
Maruyama, E. 72, 1934
Maruyama, H. 7801
Maruyama, K. 726, 935, 1572
Maruyama, Y. 6938
Marx, D. H. 3855-3856, 5906
Marxen-Drewes, H. 2495
Maryono, K. 2596
März, U. 5691
Masano 117, 1986, 6722, 7496
Masarovičová, E. 1416, 7887
Mascagni, P. 1514
Mascarenhas, A. F. 1985
Mascher, R. 44
Masih, S. K. 7603
Maslin, B. R. 2942
Mason, W. L. 686, 2655
Massiah, W. C. 3483
Massicotte, G. 957
Massicotte, H. B. 455, 3045, 5261
Massiot, G. 1521, 2933, 5047
Master, D. C. Le 5466
Master, R. W. C. 2660
Masters, K. A. 5209
Masuch, G. 2152-2153
Mas'ud Panjaitan 2609
Masuda, H. 272
Masuka, A. 2388
Masumy, A. 4912
Masuto, Y. 569
Masuya, M. 275
Mata, S. A. 5946
Matayoshi, S. 5978
Matejka, F. 6077
Materechera, S. A. 5412
Mathai, C. K. 1732
Mather, S. 4140
Matheson, A. C. 4729
Matheson, E. T. 1310
Matheson, N. K. 1567
Matheson, W. 3557
Mathew, G. 1649, 2430
Mathewes, R. W. 5175
Mathiasen, R. L. 4861
Mathur, K. C. 4929, 7689
Matine, F. 4372
Matlack, G. R. 3765
Matney, T. G. 1333, 1357
Matras, J. 6757, 6759
Matschke, J. 1930, 2635, 4101, 4348, 6162, 6355, 6494
Matson, K. 5354
Matson, P. A. 5354, 7707
Matsuda, K. 1874, 3676
Matsuda, U. 726
Matsumoto, T. 6575
Matsumura, F. 3127
Matsuo, T. 206
Matsuoka, K. 1059
Matsushita, K. 1365, 7641
Matsuura, T. 238, 2923, 7013
Matsuzaki, S. 2392
Matsuzaki, T. 1105, 1107
Mattana, A. L. 3090
Mattay, J. P. 4127
Matter, H. E. 1165
Mattheck, C. 1574
Matthee, E. 903
Mattheis, W. 564
Matthes-Sears, U. 3812
Matthews, D. 4788
Matthews, J. D. 2571
Mattila, E. 4875, 6598
Mattson, K. G. 2861
Mattson, W. J. 5460
Matveiko, A. P. 7459
Matzner, E. 2100
Mauer, O. 3417
Maughan, O. E. 5469
Maul, S. B. 3855-3856
Mauperin, M. 7441
Mauricio, F. P. 3542
Maurya, S. K. 907, 7017
Mawhinney, T. P. 4745
Max, T. A. 3377
Maxwell, J. 6825
May, D. M. 768, 6882
May, J. 4400
May, N. 4650
Mayack, D. T. 2799
Maydell, H. J. von 562, 1319, 3985
Mayer, B. 4953
Mayer, H. 235
Mayer, J. 7892
Mayeux, H. S., Jr. 5592
Mayfield, J. 5599
Mayfield, J. E. 1638, 2261
Mayhead, G. J. 1932
Maynard, B. K. 3238
Maynard, D. G. 274, 1599
Mayo, D. C. 3792
Mays, D. A. 1945
Mazanec, Z. 8046
Mazelis, M. 1164
Mazepa, V. G. 7518
Maziah Zakaria 5265
Mazurek, H. 960
Mazurski, K. R. 4289
Mazzola, M. 8015
Mbakaya, D. S. 5754
Meacham, M. L. 6876
Mead, D. J. 6791
Mead, F. W. 499
Meades, J. P. 176-177
Meadors, C. H. 7551-7552
Meagher, M. D. 1020
Means, J. E. 2414, 2564, 4790
Medarde, M. 5064
Medeiros, A. A. de 830
Medeiros, M. do C. 2225
Medina, E. 2254, 3614
Medlicott, G. 7318
Medlin, G. 5345
Medwecka-Kornaś, A. 982
Meegalle, M. R. S. K. 6403
Meeker, J. R. 3102
Meena Dhawan 2057
Meersch, M. K. van der 2536
Mees, R. 7792
Mees, R. M. 868
Megalos, M. A. 1346
Mehra, M. S. 246
Mehra, P. N. 2360
Mehra, S. N. 346
Mehringer, H. 1646
Mehrotra, B. N. 1327, 6445
Mehta, K. K. 1713
Mei, A. H. 4747
Meier, C. E. 6798
Meijer, W. 6449
Meinwald, J. 7033
Meixner, J. 6700
Mejía, K. 6988
Mejía G., M. 2703
Mejnartowicz, L. 7742
Mejnartowicz, L. E. 7741
Mekin, M. 7970
Mel'chanov, V. 3945
Mel'chanov, V. A. 2171
Melchior, G. H. 3038
Melchiors, M. A. 4524
Melhuish, J. L., Jr. 7133
Melick, D. R. 6906
Melillo, J. M. 837, 2797, 6920
Melkania, N. P. 3802, 8147
Mella, P. 6541
Mellado, B. 8009, 8054-8055
Mellberg, I. 1947
Mellerowicz, K. 3638
Mellink, W. 8132
Mello, F. A. F. 861
Mel'nikova, E. A. 7252
Melo, M. G. 4777
Melville, L. H. 3045, 5261
Melzer, E. W. 4121, 6189
Men, S. 539
Men-Olivier, L. le 1521, 2933, 5047
Menassieu, P. 7205
Menck, A. L. de M. 1041, 3330
Mendel, Z. 3515, 3896-3897, 6579, 7251
Mendelsohn, R. 2773
Mendelsohn, R. O. 3013
Mendes, J. B. 2769
Mendlik, G. 5621
Mendonça-Hagler, L. C. 7124
Mendoza, G. A. 1358, 1770
Mendoza, J. J. 7836
Menendez, J. M. 8076
Meneses, M. 7413
Meng, P. 5377
Mengel, K. 2145
Menges, E. S. 7100
Menguzzato, G. 731
Menke, A. S. 5952
Menon, A. R. R. 591, 1649
Menon, A. R. S. 3679, 4818, 7819
Menve, C. J. van der 5746
Menzies, M. 4762
Mercado, C. M. 6059
Mercer, P. C. 1054
Mergen, F. 7315
Merida, J. 1405
Merienne, C. 4342
Merk, L. 4339
Merkt, J. 4384
Merlin, J. 3082
Mermoz, M. 1289
Méroz, J. 6459

Merriam, L. C. 567
Mertens, F. 7026
Merwe, C. J. van der 2018
Merwin, M. 5534
Merwin, M. L. 6148-6149
Merzeau, D. 1033
Mesén, J. F. 6146
Meshkova, V. L. 7259
Meshram, P. B. 5329, 8030
Messana, I. 3704
Messer, A. C. 7033
Messerli, B. 5450
Messina, M. 3281
Messina, M. G. 909
Mesturino, L. 7059
Metcalfe, C. R. 6654
Metcalfe, J. C. 4275
Methley, J. 4641
Metodiev, G. 3337
Mētsopoulos, D. I. 1616
Mettendorf, B. 7759
Metwalli, A. A. 2174
Metz, J. J. 2527
Meulen, F. van der 408
Meurer-Grimes, B. 7045
Meuser, A. 6609
Mexico, Secretaria de Agricultura y Recursos Hidráulicos 6893
Meyen, S. 2670
Meyer, F. H. 7893
Meyer, G. A. 5940
Meyer, J. 364, 6428, 7891
Meyer, J. J. M. 1563
Meyer, R. E. 7554
Meyer-Grass, M. 6612
Meyer-Steinbrenner, H. 6329
Meyers, T. P. 5701
Meza-Basso, L. 1391-1392, 2786
Mezzetti, B. 1249
Mhando, I. R. O. 4082
Miadok, D. 407
Miao, J. C. 7272
Miao, Y. G. 797, 1344
Miau, R. H. 389
Michael, G. 2952
Michaels, P. J. 3288
Michaelsen, J. 394, 5577
Michalik, S. 2281
Michałov, J. 923
Michelakackis, J 18
Michelozzi, M. 5156, 6413
Michelsen, A. 3006
Micko, M. M. 7043
Micosa-Tandug, L. 991, 3489
Middleton, J. 3657
Middleton, T. M. 323
Midgley, J. 6440
Midgley, S. J. 6672, 7145, 7979
Miedema, R. 7785
Miegroet, H. van 243
Miegroet, M. van 114, 5514
Miehe, G. 554
Mielke, M. E. 1576
Migaj, B. S. 6410
Miginiac, E. 308, 3744
Migita, K. 72, 355, 1934
Miguchi, H. 7287
Miguel del Corral, J. M. 2924, 5064
Migunova, E. S. 1413, 7923
Mihalache, G. 5973
Mikami, K. 8117
Mikami, S. 7974
Mikhailov, V. 3365
Mikhailovich, L. 3081
Mikleš, M. 4316
Mikloš, I. 5328
Miklovičová, M. 4735
Mikola, J. 6472
Mikola, P. 4141
Milanov, R. 2116
Miles, G. E. 2584
Milimo, P. B. 6724
Mill, E. 1165
Miller, A. L. 1568
Miller, A. S. 1156
Miller, C. L. 4095
Miller, C. P. 3189
Miller, D. D. 4083
Miller, D. R. 4898
Miller, D. S. 5917
Miller, F. D. 6589
Miller, G. 3373, 4083
Miller, G. A. 2346
Miller, G. C. 6924
Miller, H. G. 4280, 4807
Miller, J. B. 2343
Miller, J. H. 1301
Miller, J. J. 4268
Miller, J. S. 385, 2273
Miller, L. 7184
Miller, P. 1396
Miller, P. R. 2151
Miller, R. B. 1462
Miller, R. E. 743
Miller, R. F. 4834
Miller, R. G. 6770
Miller, R. O. 3450, 7469
Miller, R. W. 4666
Miller, W. 5106
Millet, B. 308
Milliken, R. B. 225
Millogo-Rasolodimby, J. 5000
Mills, N. J. 5941, 7217
Mills, W. L. 6779
Milne, G. R. 6901
Milne-Redhead, E. 3800
Milodragovich, E. 3371
Milton, N. M. 3277
Min, Y. T. 435-436, 1022
Minamikata, Y. 156, 1317, 7646-7647
Minasch, P. 4155
Minato, K. 340, 7704
Mindawati, N. 2029, 3427
Mineau, P. 3933
Minette, L. J. 3565-3566
Minko, G. 62, 128
Minnich, R. A. 3801
Minore, D. 4790, 5817
Minotta, G. 1249
Minowa, M. 7566
Minowa, N. 1630
Mintzer, I. M. 1156
Minu 1878
Miocque, M. 7498
Mione, T. 5014
Miquelle, D. G. 1091
Mir, N. M. 2399
Miranda, R. A. C. de 1440-1441
Mircetich, S. M. 492
Mirchev, P. 2427, 3907
Mireku, E. 2163
Mirković, M. A. 4178
Mischke, C. 2965
Miścicki, S. 7900
Mishra, G. P. 1954, 7705, 7942
Mishra, S. C. 7193
Mishra, V. K. 1956
Mišić, P. D. 4178
Misra, B. M. 3864, 5284
Misra, C. M. 161, 1736, 1994, 5781
Misra, G. 2909
Misra, P. N. 610
Misra, P. S. 1489
Misra, S. B. 7289
Mistretta, P. A. 766-767, 6889
Mitaku, S. 2902
Mitchell, J. E. 5410, 5990
Mitchell, K. J. 3517
Mitchell, M. J. 3612, 3635
Mitchell, M. R. 8077
Mitchell, N. D. 2094
Mitchell, R. G. 2424, 7273
Mitchell, R. J. 3420, 3754, 4745
Mitchell, W. C. 5974
Mitó, I. 4567
Mitra, B. 5949
Mitra, R. 317
Mitrakos, K. 5726
Mitsch, W. J. 3005
Mitsudera, H. 2240
Mitsuhashi, J. 6586
Mittal, R. K. 525, 3368, 6158, 7143
Mittal, S. P. 3205, 3957
Mittempergher, L. 5157
Mitton, J. B. 1619
Miura, O. 870, 951
Miyajima, H. 1335, 1617
Miyake, M. 338
Miyake, N. 417
Miyaki, M. 5821
Miyakoshi, T. 1499
Miyata, I. 3019
Miyawaki, S. 8053
Miyazaki, Y. 7009
Mize, C. W. 4210
Mizunaga, H. 6939
Mizutani, J. 5080
Mkangwa, C. Z. 4082
Mlinšek, D. 7432
Mo, L. H. 1255
Mobbs, I. D. 1196
Mochalov, S. 7681
Moche, W. 7853
Moeck, H. A. 3114
Moeller, A. W. 6935
Moench, M. 3326
Moestrup, S. 510
Moezel, P. G. van der 2120, 6930
Moffat, A. J. 652, 1714, 3955
Mohai, P. 6607
Mohamed, B. F. 4913
Mohammad, M. A. 6535
Mohammed, G. H. 3386
Mohammed Qamaruddin 3742
Mohamud, N. S. 2492
Mohan, M. 5900
Mohan, P. 6404
Mohan, S. 802, 7094
Mohanadas, K. 1649
Mohanan, C. 4429, 5263, 5267, 7995
Mohatkar, L. C. 6132
Mohiuddin, M. 5831
Mohr, H. 7052
Moir, W. H. 5847
Moiroud, A. 2370, 7985
Moiseets, B. V. 2704
Mol, P. W. 32
Moldenke, A. M. 3041
Molder, M. 369
Molen, P. C. van der 4382
Molina, R. 2382
Molinar, R. H. 3893
Molloy, B. P. J. 6395
Molloy, K. 975
Molnár, S. 5749-5751, 5862
Molofsky, J. 770
Moloney, C. L. 7909
Moloney, M. M. 1612
Molyneux, R. J. 3155
Mömken, M. 2930
Moncur, M. W. 2206, 6723
Monestiez, M. 920
Monge, C. 5459
Monk, D. 1226
Monn, L. 6914
Monnig, E. 6123, 6231
Monoranjan Ghose 1469
Monsion, M. 6821
Monson, R. K. 432-433, 2954
Mont, R. N. La 5669
Montagner, L. H. 2784
Montagnini, F. 4943
Montagu, M. 4342
Montalvo, J. M. 7474
Montard, F. X. de 1693
Montazer, P. 431
Montero, C. 4593, 8132
Montero de Estevez, C. 4593-4594
Montero N., C. 4593-4594
Monteuuis, O. 1275, 6168
Montgomery, M. E. 5940
Monties, B. 2928
Montilla, M. 6337, 6526
Montpetit, D. 7129
Montrichard, F. 918
Montsma, G. 4013
Montygierd-Loyba, T. M. 4393
Monz, C. A. 2371
Mookerjee, S. 5633
Moon, D. Y. 1108
Moon, H. K. 639, 1242
Mooney, H. A. 2250, 5205
Moore, A. E. P. 455
Moore, A. M. 276
Moore, D. 7254
Moore, D. I. 2131
Moore, E. E. 17
Moore, I. 6012
Moore, J. C. 5717
Moore, K. M. 2534, 8031
Moore, L. M. 3860
Moore, L. W. 2400
Moore, N. J. 2349
Moore, R. 3197
Moore, T. R. 7304-7305
Moore, W. C. 1163, 4878
Moosmayer, H. U. 1353, 7894
Mooter, D. P. 4950, 7352
Mora, E. 4577
Moraal, L. G. 6517
Moraes, J. L. de 778, 4390
Moraes de Jesus, R. 7571, 7776
Moraes-Santos, T. 7838
Morais, E. 616, 1036-1039
Morais, J. L. de 620
Morales, N. 7460
Moran, G. F. 2348-2349, 5243, 6491
Moran, J. T. 5101-5102
Moran, N. 2965
Moran, V. C. 1072, 4493
Morelli, E. 1564
Moreno, A. H. 3980
Moreno, V. 7460, 7473
Moretti, A. 943
Morey, C. 5464
Morey, J. L. 3129
Morgan, A. V. 3120
Morgan, B. J. T. 5220
Morgan, E. D. 2904
Morgan, J. 5009, 5774
Morgan, N. R. 7353
Morgan, P. 3929, 5208, 6372, 6872, 7401, 8141
Morgante, M. 1613
Morgenson, G. 2625, 6746
Morgenstern, E. K. 7448
Mori, S. 7051
Mori, T. 6351
Morikawa, Y. 6938
Morin, H. 4714
Morioka, N. 1304
Morissette, J. 3901, 7197
Morita, M. 2853
Morita, N. 3696, 7031
Morita, T. 2900
Morlats, R. M. 1247
Morley, P. M. 6070
Morley, T. 383
Morneau, C. 3825, 6371
Moroni, A. 4629
Morooka, N. 1630
Morozov, V. A. 7540
Morris, G. A. 4309
Morrison, D. J. 1633, 4432, 5476
Morrison, I. K. 3636
Morrison, M. L. 1330
Morse, M. J. 2913
Mortensen, L. 7750-7751
Mortensen, L. M. 2778
Mortimore, M. J. 3325
Morton, A. J. 1786
Morton, J. A. 278
Morton, S. R. 5209
Morvan, J. 7833
Mosandl, R. 1631
Moser, E. B. 3669
Moser, J. C. 5322, 7229
Moshe, Y. 3443
Mosher, E. C. 278
Moss, S. A. 1113
Mossa, D. S. 6223
Mosseler, A. 3766, 4693
Mössmer, E. M. 551
Mössmer, R. 840
Motawe, H. M. 2891
Mothes, L. 6245
Motidome, M. 1519, 2919

Motoyoshiya, J. 1515
Motschalow, S. 7681
Mott, R. L. 1916
Motta, R. 5348
Mottl, J. 7718
Motyl, M. M. 1602
Mougin, E. 4248
Moussion, G. 5315
Mowrer, H. T. 749, 5479
Moysset, L. 3741
Mráz, A. 795
Mráz, K. 3582
Mrazek, F. 1320
Mridha, M. A. U. 5885
Mridula Negi 2060, 6280
Mroske, B. E. 299
Mroz, G. D. 9, 679
Msanga, H. P. 3363
Mudgal, V. 2034
Mueggler, W. F. 5841
Mueller, B. S. 1695
Mueller-Darss, H. 3989
Mueller-Dombois, D. 5111
Mugasha, A. G. 3549
Muhamad, Z. 2923, 7013
Muhammad, I. 7037
Mühlhäusser, G. 7632
Muhs, H. J. 585
Muick, P. C. 5458
Muir, K. 8162
Muire, J. P. 5406
Mukai, Y. 6747
Mukamuri, B. B. 8165
Mukhtar, A. S. 406, 2483-2484, 3805
Muldavin, E. H. 7936
Mulder, R. P. 5418
Mulev, M. 982
Muller, A. H. 1513
Müller, B. 1938
Muller, C. 1231
Muller, C. A. 2014
Müller, E. 3726, 6249
Müller, E. U. 4600, 7339
Müller, F. 6126
Müller, F. B. 3302
Müller, H. 4384
Müller, M. 4176, 7665
Müller, S. 2468
Müller, T. 7774
Müller-Starck, G. 1028, 4408, 5124, 6486
Müller-Using, B. 1190
Mullins, C. E. 2806
Mulongoy, K. 2536, 3482, 5866
Münchhoff, P. 5508
Munday, C. J. 483
Munegowda, M. K. 153
Munesada, K. 2900, 7844
Mungai, D. N. 8137
Munir Ahmad 7338
Muñiz, O. 405
Munkvold, G. P. 6520
Muñoz, A. 5341, 7291
Muñoz-Dorado, M. 5060
Muñoz E., L. 7095
Munro, D. S. 5086
Munshi, A. H. 6436
Munshi, J. D. 5714
Munslow, B. 2602
Muona, O. 3027
Murad, A. 1598
Murai, H. 548
Murai, M. 7109
Murakami, Y. 6338
Murase, F. 8073, 8173
Murase, G. 5038
Muraya, P. 1170
Murgeitio, E. 4181
Murgel, J. M. T. 616
Murillo, O. 103, 2052
Muriuki, G. 5050
Murniati 7529
Murosky, D. L. 4290
Muroyama, Y. 399
Murphy, A. H. 4995
Murphy, P. A. 5568, 6855
Murphy, P. G. 4651
Murphy, R. 5084
Murphy, R. J. 163
Murray, M. B. 1458, 4907, 4955-4956, 5009
Murray, M. G. 6064
Murray, N. A. 6443
Murray, W. G. 300
Murry, M. A. 2256
Murthy, I. Y. L. N. 7593
Murthy, M. M. 2906
Murthy, M. S. R. 2150
Murti, V. V. S. 2945
Murtland, R. 1207, 4668-4669
Murty, Y. S. 1878
Murúa, R. 1098, 5341, 6435, 7291
Murugan, M. 6412
Musango, S. 5105
Musau, D. M. 3151
Muschinek, G. 6947
Mussak, M. F. 5384
Mustafa, A. F. 4691
Mustaparta, H. 4482
Mutai, S. K. 6006
Muys, B. 2670, 3135
Muzaffar Alam 5052
Muzondo, M. I. 8165
Mwakha, E. 4544
Mwonga, S. M. 4304
Myers, B. J. 258, 4938, 5721
Myers, C. C. 672
Myers, J. F. 6513
Myers, J. H. 7206
Myers, N. 770, 2531, 5387
Myers, R. K. 992
Myland, T. 4713
N., A. J. 3431, 3457, 3461-3462
N., M. L. 3842
Nabeta, K. 338
Nadagoudar, B. S. 1733, 2546
Nadelhoffer, K. J. 837, 6920
Nadgauda, R. S. 1985
Naeed, A. 7845
Nagamasu, H. 2222
Nagamine, W. 5978
Nagao, A. 5135-5136
Nagasawa, S. 7194
Nagashima, M. 264
Nagaveni, H. C. 1904-1905, 2137
Nagayama, K. 3696
Nagem, N. J. 1507
Nagem, T. J. 5058
Nagumo, H. 7639
Naicker, S. 2202
Nair, G. M. 2251, 3965
Nair, K. K. N. 4791
Nair, K. M. 5386
Nair, K. S. S. 591, 1649
Nair, M. N. B. 2883
Nair, N. G. 2191-2192
Nair, P. K. R. 1741, 3210, 7341
Naithani, H. B. 5297
Naito, K. 2074-2075
Najarran, G. 4840
Najib, M. A. M. 5389
Nakaguchi, T. 4359
Nakahara, L. 5978
Nakahara, L. M. 5978, 6588
Nakai, I. 511, 515, 568, 8029
Nakajima, A. 914
Nakakita, O. 6306
Nakama, Y. 4000
Nakamura, R. R. 932
Nakamura, T. 426, 2921, 2944, 3730, 6786, 7857
Nakamura, Y. 6813
Nakana, I. 144
Nakashima, K. 437
Nakashima, T. 8004
Nakashizuka, T. 955
Nakata, M. 2286
Nakatani, M. 7009
Nakaue, M. 313
Nakayama, N. 1027, 7976
Nakazawa, M. 726
Nalwadi, U. G. 1733
Nam, K. W. 1108
Namba, T. 2894, 5051
Nambiar, E. K. S. 4623, 4789
Nambiar, V. P. K. 3670
Namsaraev, B. B. 2107
Nance, W. L. 7156
Nanni, T. 5445
Naoki, H. 7009
Napier, I. 1876
Napier, I. A. 1866, 1876, 5630
Napitupulu, B. 1272
Napompeth, B. 5331
Narasimhan, D. 2017
Narayana, L. L. 5141, 5149
Narayana, V. V. D. 6005
Narayanappa, M. 473
Nargang, F. E. 5231
Nash, B. L. 5894
Nash, R. J. 7872
Nasi, A. M. T. 7834
Nasir, H. 5052
Nasir Husin 5594
Näslund, B. Å. 1947, 2007
Nasr, Z. 2579
Nasu, K. 187
Natarajan, K. 4831, 5867
Natarajan, N. 1906, 6144, 6156, 6195
Natarov, V. M. 7683
Natelhoffer, K. J. 2105
Nath, D. 6838
Nath, S. 865, 6128
Nath, S. C. 7027
Nath, V. 6518
Nather, J. 586, 2578
Natoli, W. 7263
Nätscher, L. 6915
Naujoks, G. 4101
Naumov, F. V. 7249
Nautiyal, A. R. 1233
Nautiyal, J. C. 4032, 4863
Nautiyal, M. C. 1177
Navacchi, O. 1249
Navarro, C. 3845
Navarro P., C. 2724
Navidad, E. 3978
Navratil, S. 99, 3874
Naz, M. S. 8124
Nazar, M. A. 7511, 7514
Nazaret, S. 2379
Nazif, M. 3663, 7550
Neale, D. B. 2337, 5228
Neales, T. F. 6940
Nealis, V. G. 4469, 4471, 5934
Neave, I. A. 7888
Nebe, W. 4075, 4284, 4965
Nebeker, T. E. 5081
Neck, R. W. 3121
Nectoux, F. 3250
Neelam Saharan 8160
Neely, D. 5040-5041, 5294, 5429, 6516, 6519-6520
Neeta Khare 2246
Nef, L. 2422, 3096, 7236, 7271
Negi, S. S. 3015
Negisi, K. 98, 358, 7623
Negreiros, O. C. de 953
Neil, P. E. 3339, 3843, 4064-4067, 4092, 4171, 4253, 4410, 4441
Neill, S. J. 7886
Neilsen, D. 5710
Neiman, K. E. 5193
Neiman, K. E., Jr. 7087
Neirinckx, L. 2139
Neite, H. 842
Nell, T. A. 6324
Nelson, D. G. 2688
Nelson, D. K. 6977
Nelson, E. A. 661
Nelson, E. E. 5854, 7149
Nemani, R. R. 4236, 5372
Nemethy, E. K. 1512
Nepal, Forestry Research Division 4057
Nepal, Forestry Research Project 3307
Nepal, Nepal-UK Forestry Project 607
Nero, R. W. 4608
Neruda, J. 7583
Netherlands, Technical Centre for Agricultural and Rural Cooperation 4602
Netherlands, TROPENBOS 605
Netherlands, Woodenergy Systems Group WSG 1193
Netto, B. V. de 1119
Netto, B. V. de M. 1119-1120
Netzel, B. 47
Netzer, D. A. 1991, 5585
Neubert, U. 5508
Neuenschwander, L. F. 5208, 6372
Neuerburg, W. 2638
Neufeld, H. S. 885, 2310
Neuman, P. 81
Neumann, A. 2618, 3529, 4194
Neumann, A. J. 2719-2720, 2793, 3431, 3457, 3461-3462, 3502-3505, 3529, 4194
Neumann, F. G. 3129, 4490
Neumann, H. H. 5783
Neuvonen, S. 6536
Neuwinger, I. 4529
Nevalainen, S. 6356
Neves, J. C. L. 242, 790, 798, 811
Neville, G. A. 181, 1877
Newbery, D. M. 958-959, 988
Newell, S. J. 2220
Newell, W. R. 485, 1652
Newnham, M. R. 6450
Newnham, R. M. 402, 6980
Newson, M. 4531
Newson, M. D. 1702
Newton, A. C. 5161
Newton, M. 133, 1092
Newton, R. J. 81, 2121, 4939, 7507
Newton, R. M. 3599
Newton, W. E. 7405
Neyişçi, T. 2183
Ngadjui, B. T. 2893
Ngamkhajornwiwat, S. 2266
Ngernprasirtsiri, J. 2953
Ng'ethe, J. C. 5754
Ngo Van Vien 4277
Ngoro, M. L. 3344, 3842, 4068, 4306
Ngugi, A. W. 1760
Ngulube, M. R. 1871, 2680, 7489
Nguyen, A. 2927
Nguyen Te The 6617
Nhan, H. D. 6189
Ni, J. D. 1754
Ni, L. X. 6546
Ni, Z. C. 2770
Nič, J. 4853
Nichol, J. E. 3325
Nicholas, I. D. 2515, 5521
Nicholls, A. O. 2300, 2480, 2552, 3225
Nicholls, C. F. 763
Nicholls, T. H. 3047, 7147
Nicholson, D. I. 1762
Nicholson, D. P. 1772
Nicholson, R. G. 2560
Nicke, A. 6097, 6279
Nicolai, V. 2916
Nicolini, G. 5333
Nicolson, J. A. 3636
Niederer, M. 843, 5868
Niederleitner, S. 7209
Niedzielska, B. 7748
Nielsen, D. G. 1960, 3926, 7275
Nielsen, G. H. 5710
Nieman, T. C. 4644, 7110
Niemelä, J. 2407
Niemelä, P. 4360
Niemeyer, H. 2479, 8108
Niemi, E. 2773
Niemi, M. 1052
Nienartowicz, A. 2320
Nienhaus, F. 8018
Niester, C. 5077
Nietmann, K. 4184, 4879

Nieuwenhuis, M. 5511
Nieuwenhuis, M. A. 2072
Nieuwerburgh, M. van 8177
Nigam, S. K. 2909
Nigg, H. 2469
Nihlgård, N. 6359
Nikitin, S. A. 35
Nikkanen, T. 4708
Nikles, D. G. 4090, 4102
Nikodénusz, E. 8097
Nikolaev, V. V. 2717
Nikolaeva, M. G. 1227
Nikolaïdès, M. Th. 1415
Nikolov, V. 1854
Nikonova, N. N. 1380
Nille, B. 4158
Nilssen, A. C. 5951
Nilsson, G. 1785
Nilsson, J. 3624
Nilsson, P. O. 280
Nilsson, S. 7913
Nilsson, S. G. 4362
Nimz, R. 6213
Nippel, C. A. 843
Nirmal Ram 2112
Nisbet, T. R. 2806
Nishida, H. 7002
Nishida, M. 7002
Nishio, K. 8116-8117
Nishioka, I. 1541, 1543, 7842, 7861
Nisula, S. 4360
Nitami, T. 156, 2448, 7646-7647
Nitis, I. M. 1745
Nitschke, K. J. 1868
Nittayajarn, A. 1923
Niven, M. 7873
Niwa, C. C. 1152
Niwa, C. G. 2442
Nix, H. A. 2090, 3226, 7421
Nixon, K. C. 387, 400, 2283
Nizeyimana, E. 3200, 5397
Nizinski, J. 4934
Njadjui, B. T. 7025
Njar, V. C. O. 5093
Njoroge, J. M. 4544
Nkulinkiye-Nfura, T. 7012
Nkunika, P. O. Y. 5301
Nobel, P. S. 912
Nobilis, F. 4529
Noble, B. F. 119
Noble, I. R. 2194
Noble, J. C. 5988
Noborio, H. 169
Nobuchi, A. 7228
Nobuchi, T. 313, 320, 340
Nocentini, S. 732
Nogami, K. 1335, 1617, 6813
Nogler, P. 2967
Noguchi, T. 3184, 3570
Nogueira, J. C. B. 616, 620, 878, 1035-1039, 3514
Noh, C. C. 615
Noh, E. R. 74, 97, 444-445
Noh, J. H. 2750
Noh, K. H. 191, 2744
Nokoe, S. 2718
Nola, P. 5447
Nolan, A. J. 1726
Noll, K. E. 6354
Nolte, D. S. 6519
Nolten, M. 1757
Nonaka, G. 7842
Nonaka, G. I. 1541, 1543, 7861
Noor Mohammad 3405
Noor Mohammed 8124
Nooteboom, H. P. 3780
Norani Ahmad 5265
Norby, E. A. 8012
Nordheim, E. V. 5218
Nordin, G. L. 4508, 6566
Nordlander, G. 2439
Norin T. 7222
Nőring, E. 6355
Norman, J. C. 1457
Normand, D. 7830
Normand, P. 2379
Norris, L. A. 1681
Northcott, C. J. 2423, 8042
Norton, A. 6061
Norton, D. A. 1970
Norwine, J. 7083
Nösel, U. 6250
Nosenzo, A. 4754
Noshiro, S. 7929
Noss, R. F. 4558
Noste, N. V. 4315, 4994
Nostrand, R. S. van 6806
Nott, R. 529, 1678, 3928
Nováček, F. 4336, 4435, 4454
Novais, N. F. 811
Novais, R. F. de 242, 790, 798
Novellie, P. 1455
Novikova, S. S. 3011
Novotný, J. 5944, 5972
Novotný, M. 7420
Nowak, C. A. 3612
Nowak, D. J. 4234
Nowakowska-Moryl, J. 2749
Nowicke, J. W. 2273
Nummi, P. 3941
Nunberg, M. 8056
Nunes, D. S. 7029
Nuotio, S. 7882
Nurmiaho-Lassila, E. L. 1626-1627
Nuur, E. A. 875, 3177
Nwoboshi, L. C. 184
Nyamai, D. O. 6055
Nyberg, J. B. 1086
Nyerges, A. E. 4555
Nyland, J. E. 459
Oakenful, D. G. 898
Oakes, A. J. 6416
Oakes, R. D. 5323
Obaga, S. M. O. 1438
Obama, E. 1082-1083, 2453
Obarymskyj, A. 4628
Obbink, M. 1376
Oberbauer, S. F. 2255
Oberle, B. 2605
Oberwinkler, F. 1047
Obi, S. 86
Obiaga, P. C. 697
Obot, E. A. 531, 3932
O'Brien, R. 5990
O'Callaghan, D. P. 4565
O'Connell, M. 975, 6596
Oda, K. 6497
Oda, S. 1041, 3330
Oderwald, R. G. 588
Odham, G. 3857
Odlum, K. D. 96, 3433
Odoemena, C. S. 2619
Odronic, B. H. 1791, 6636
Oduol, P. A. 8142
Oechel, W. C. 1419
Oechsner, T. 4535
Oehlschläger, C. 1183, 8167
Oester, P. 6226
Oetja 2278
Oettli, C. 2525
Oeveren, H. Van 6863
Ofesi, H. K. T. 1932
Offermans, D. M. J. 173
Ogasawara, R. 609, 669, 735-737
Ogasawara, S. 238, 434
Ogata, K. 321
Ogawa, A. 2804
Ogawa, H. 747, 3675
Ogawa, K. 1168
Ogawa, S. 6370
Ogden, J. 572, 2993
Ogihara, K. 2900, 7844
Ogihara, Y. 7030
Ogilvie, J. F. 7354
Ogimi, C. 7166
Ogiue, E. 1515
Ogle, B. 1784
Ogorodnikova, V. I. 3132, 7241
Oguntala, A. B. 296
Oh, J. H. 2865
Oh, J. S. 2819, 3419
Oh, K. I. 7990
Oh, K. K. 3947, 7957, 8070, 8172
Oh, M. Y. 2729, 3419
O'Hara, K. L. 2046, 4156
Ohashi, H. 2937
Ohata, S. 1307
Ohba, H. 322
Ohba, K. 7109
Ohga, S. 1600
Ohigashi, H. 3722
Ohira, T. 339
Ohlsson, B. 1853
Ohmann, L. F. 3586
Ohmart, C. 7179
Ohtani, J. 1464
Ohtonen, R. 4282
Oikawa, T. 3286
Oişteanu, A. 3296
Oja, S. 1145
Oja, T. 1476
Oka, I. N. 3152, 5331, 5980
Okada, H. 7902
Okada, N. 340
Okafo, O. A. 3170
Okafor, J. C. 159
Okali, D. U. U. 2620, 3388, 6187
Okamoto, N. 568
Oke, O. L. 6411
O'Keefe, P. 2602
Oker-Blom, P. 4318
Okitsu, S. 373, 2308, 7064
Okochi, I. 5326, 7200
Okojie, J. A. 2718
Oksanen-Peltola, L. 6316
Oku, Y. 1475
Okubo, A. 1836
Okuda, M. S. 3080
Okuda, T. 1550
Okumura, K. 4567
Okumura, T. 1102
Okuyama, T. 6967
Olaifa, J. I. 3127
Old, K. M. 7145
Oldeman, R. A. A. 4013
Oldfield, M. L. 7387
Olenderek, H. 7653
Olienyk, J. P. 2557
Oling, A. 7535
Oliphant, J. L. 1253
Olivares, B. 7413
Oliveira, A. B. de 1518
Oliveira, A. M. C. 4191
Oliveira, E. B. de 3213
Oliveira, G. G. de 1518
Oliveira, J. T. da S. 3674
Oliveiro-Filho, A. T. de 5182
Oliver, C. D. 1838, 2046
Oliver, G. R. 4946
Oliver, W. W. 1283, 6240
Olivier, R. 3275
Olofsson, E. 3143, 3923
O'Loughlin, E. M. 6608
Olschwang, D. 5042, 7012
Olsen, E. D. 6239
Olson, R. K. 2089, 3573
Olsson, H. 1785
Olsson, O. 7848
Olszyk, D. M. 832, 2160
O'Malley, D. M. 2329
Omar Russo, R. 2375, 7335
Ombir Singh 4705, 6196
Omon, R. M. 1986, 1988, 3426
Omran, H. 8131
Omran, T. 261
Omran, T. A. 253, 261, 7487-7488
Omule, S. A. Y. 3391, 3460, 3493-3494, 3507, 3511-3512, 3535
Omura, S. 3703
Omwami, R. K. 4241
O'Neill, I. C. 7298
Ong, C. K. 5408, 6626
Onuki, M. 2784
Onyekwelu, S. S. C. 7484
Oohata, S. 88, 187-188, 307, 1479
Oohata, S. I. 7800
Oommachan, M. 7603
Oosterbaan, A. 4514, 4689
Opheim, K. 3723
Orcel, A. 5444
Orcel, C. 5444
O'Rear, C. E. 1638
O'Reilly, C. 7806, 7889
O'Reilly, F. D. 3325
Oren, R. 363-364, 915, 5107, 6428-6429, 7891-7892
Orf, S. 7444-7445
Organization for Economic Cooperation and Development 5461
Orihara, Y. 1535
Orimoyegun, S. O. 184
Orland, B. 2558
Orlić, S. 4799
Orloci, L. 4767
Orlov, A. I. 4044
Orlov, A. Ya. 3401
Orlovich, D. A. 7139
Ormsbee, L. E. 7306
Ornduff, R. 5121
Orozco, A. 6337, 6526
Orozco-Segovia, A. 1883
Orshan, G. 1805
Ortmaier, E. 5497
Orzeł, S. 7615
Osborne, D. J. 1570
Osborne, D. R. 7175
Osborne, R. 7794, 7859
Osemeobo, G. J. 4561, 7325
Oshima, R. 1499
Oshkaev, A. Kh. 4506
Osipov, A. A. 6826
Os'kina, N. V. 2
Osman, A. H. 2190
Osman, Y. 8131
Osmeloski, J. 3633
Osonubi, O. 6429
Osorio, M. 7998
Osório, R. G. S. 712-713, 4179
Ostaff, D. P. 214, 485
Oster, B. 1513
Ostner, R. 5106
Ostrofsky, W. D. 1658
Ostrolucká, M. G. 269, 1431, 4358
Ostry, M. E. 1620, 7147
O'Svath, J. 3136, 3142
Oswald, E. T. 421
Osztrogonácz, J. 5751
Ota, K. 3818
Ota, M. 264, 5792
Othieno, C. O. 1438
Othman, S. 4924
Otrosina, W. J. 2433
Otsuka, M. 6813
Otsuka, Y. 312
Ott, E. 6295
Ott, F. 3177
Ott, M. 2755, 4104
Ott, W. 5695
Otto, H. 4173, 7118
Otto, H. J. 1717, 4606, 5618, 7579, 7788
Otvos, I. S. 526, 3146
Ou, C. H. 142
Ouchi, Y. 3421
Ouellet, D. 4837, 4855
Ouellette, G. B. 1641
Ouyang, H. 4257
Ovalle, A. R. C. 4625
Ovalle, C. 7334
Ovcharov, D. 2427-2428
Overpeck, J. T. 7673
Overton, P. G. 5896
Overton, R. P. 3372
Owen, R. B., Jr. 2117
Owen-Smith, N. 4520
Owens, J. N. 369, 1485, 5133, 7806, 7889, 7908
Owston, P. W. 6770
Oyarzún, C. 7303, 7700
Oyarzún, C. E. 7302-7303
Oyarzún O., C. 6332, 6610-6611
Oyatogun, M. 3932
Oyidi, O. 2857
Oyler, L. D. 5577
Oza, M. P. 5689
Ozaki, K. 4464
Ozaki, S. 7927
Özdemir, T. 5608

Özel, Z. 1790, 1792
P., D. 3366
Paal', T. V. 2702
Paal', Ya. L. 2702
Paavilainen, E. 1401, 6302
Pacheco, T. 6603
Paci, M. 630, 1216
Padmanabha, H. S. A. 1904
Padmini Shivkumar 1869, 5242
Padoch, C. 4588, 4651, 5453, 7345
Padró, A. 5241, 6376
Pagano, S. N. 826
Pagel, H. U. 544
Pages, C. 6168
Pahlich, E. 3701
Påhlsson, A. M. B. 2159, 2809
Pahup Singh 3719
Pahwa, M. R. 6510
Paige, K. N. 2356
Paillet, F. L. 5164
Paine, D. P. 3561
Paine, T. D. 5275, 5289
Päivänen, J. 2610
Päivinen, L. 2795
Pajutee, M. S. 344
Pakal'nis, R. 4002
Pakhrin, B. 1322
Pakrashi, S. C. 2901
Pal, A. 7903
Pal, B. P. 7330
Pal, M. K. 7866
Pal, P. K. 1562
Pal, S. 6030, 7847
Palacios, R. A. 3777
Palacios-Ríos, M. 5189
Pal'chenko, A. K. 7815
Palitha Jayasekera 4611
Paliwal, D. P. 1908
Paliwal, G. S. 347, 1908, 4702, 5029
Paliwal, K. 3754, 4831
Paliwal, K. P. 2260
Pallardy, S. 4276
Pallardy, S. G. 2818
Palled, Y. B. 5757, 6052, 6057, 7576
Pallon, J. 4028
Palmberg, C. 2597
Palmer, B. 2609
Palmer, J. 1813
Palmer, L. 2650
Palmer, M. A. 1051, 3047, 6771
Palmquist, D. E. 4717
Palo, I. 151
Palser, B. F. 934, 4330
Palta, J. P. 3376
Pan, F. J. 53, 4731, 5977, 5981, 7114-7115
Pan, X. Z. 716
Pan, Z. L. 6270
Panchaban, S. 3743
Panconesi, A. 8083
Pande, K. 6926
Pande, M. C. 2060, 6280, 7680
Pande, P. K. 4922, 7706
Pandev, S. 3411
Pandey, K. N. 5900
Pandey, P. 423
Pandey, R. K. 4687, 7604, 8106
Pandey, V. B. 896, 901, 905-906, 7017
Pandher, M. S. 5869
Pandit, R. K. 4823
Pánek, F. 4207, 4844, 5638
Paneque, G. 1405
Pang, Y. 7113
Panikov, N. S. 2107
Panjab Singh 4517-4518, 6618
Panjaitan, M. 2609
Pankow, W. 5868
Pannell, C. M. 8168
Pannirselvam, S. 2322
Panochit, J. 1887, 1899
Pant, B. D. 4723
Pant, S. P. 5007
Pantani, F. 2848
Panter, K. E. 3155-3157
Panthong, A. 7598
Pantke, M. 6
Pántos-Derimova, T. 4279
Paoletti, E. 2848, 6946
Papadopol, C. S. 3766
Papai, L. 5862
Papritz, A. 1446
Paradossi, C. 7007
Parajuli, A. V. 1866
Parajuli, D. P. 4667
Parascan, G. 5796
Pardo, M. 4874
Pardy, G. 4809
Pardy, G. F. 6783
Paré, D. 3759, 7694-7695, 7731
Parente, P. R. 617-618, 3840, 4008
Parera, V. 6010
Pařez, J. 4196-4197, 7558
Parhad, R. 1492
Parimala Varadaraj 1526
Pariswad, B. S. 5689
Park, C. S. 640-641, 1030
Park, C. W. 136, 191, 2690
Park, H. 4112, 4146
Park, H. S. 75
Park, J. H. 3947
Park, J. I. 639, 1242-1243
Park, M. H. 331, 1517
Park, M. S. 613-615, 1025
Park, R. B. 5078
Park, S. C. 5917
Park, S. K. 2729, 3419
Park, W. G. 8179
Park, W. S. 7990
Park, Y. G. 7509
Park, Y. S. 5523
Parker, A. J. 5203
Parker, F. D. 5952
Parker, J. N. 3793
Parker, T. 3222
Parker, V. T. 3444
Parker, W. C. 2818
Parkinson, J. 1020
Parks, C. A. 5865
Parks, P. J. 20
Parlange, J. Y. 3165
Parmeter, J. R., Jr. 8017
Parminter, J. 6978
Parnell, R. A. 3599
Parra H., H. 7589
Parrotta, J. A. 1855
Parry, M. L. 1143
Parry, W. H. 3151
Parthasarathi, K. 345, 589, 2095, 2136, 2259
Partomihardjo, T. 2555, 3227
Parton, W. J. 3655
Parveen, N. 2935
Parvez Ahmed 3202
Parvez Jalil 7492
Pascal, J. P. 2289
Paschke, J. L. 4772
Paschke, M. W. 2125
Paşcovici, V. D. 5796
Pasek, J. E. 2413, 8041
Pashkevich, L. S. 7850
Pašková, M. 848
Passini, M. F. 4388
Pasteels, J. M. 3066, 3082
Pasternak, P. S. 815, 7518
Pastore, J. A. 3771
Patch, D. 668, 675, 877, 1798
Patel, K. A. 2260
Patel, K. R. 3386
Patel, R. N. 2212, 6396
Pathak, P. S. 1750, 5982
Pathak, S. C. 8030
Pathre, U. 3754
Patil, B. D. 2361, 3387, 5860, 5864
Patil, B. P. 1324
Patiño-Valera, F. 7397
Patiram 5407
Patle, B. R. 6836
Paton, V. J. 6043
Patric, J. H. 7293
Patronov, D. 1854
Patterson, C. 5362
Patterson, H. H. 3599
Patton, D. R. 2476
Patton, J. C., II 4405
Patton, L. 361
Patzak, W. 43, 6314
Paul, A. K. 2365
Paul, F. 1174
Paul, J. T. 5765
Paul, M. 6492
Paula, F. C. de 4625
Paula Neto, F. de 740-741
Paule, L. 7969
Paulino, V. T. 7103
Paulissen, J. B. 4210
Páv, B. 4159, 4186
Paviani, T. I. 7001
Pavlov, N. V. 1341, 2743
Pavolettoni, L. 1245
Paw U, K. T. 4901
Payandeh, B. 193, 198
Payette, S. 2994, 3825, 4377, 4714, 6371
Payne, C. C. 2451, 3315
Payne, N. 528, 6233
Payne, N. J. 4627
Payne, T. L. 3106
Payton, I. J. 2389
Pazdrowski, W. 6812
Peach, J. M. 7872
Peacock, J. W. 5938
Peakall, D. B. 3933
Pearce, C. 5050
Pearce, K. G. 3822
Pearce, N. 6124
Pearce-Pinto, G. V. N. 2120
Pearlberg, C. 7663
Pearson, H. A. 5470, 6628
Pech, J. C. 922, 2964
Pech, R. P. 4880
Peche Filho, A. 3809
Pecson, R. C. 6137
Peddle, D. R. 5690
Pederick, L. A. 61
Peeler, K. C. 5703
Peet, F. G. 4487
Pehap, A. 1873
Pehl, C. E. 831
Pei, B. H. 4103, 4753, 6761
Pei, S. J. 5827
Peichl, B. 6118
Pekkarinen, J. 4063
Pelaez Menendez-Riedl, S. 2562
Pelíšek, J. 4398
Pell, E. J. 6950
Pellett, H. M. 1799
Pelt, N. S. van 7553
Peltier, R. 8150
Peluso, N. L. 1850
Peña, A. 7474
Peñafiel, S. R. 449, 3992-3993
Peñaloza, R. 7464
Pendrel, B. A. 5320
Penev, D. 2427, 3937
Peneva, V. 2446
Peng, C. I. 2541
Peng, S. J. 342
Peng, S. L. 396
Penman, D. 558
Pennarum, A. M. 920
Pennington, T. D. 3775
Penny, D. H. 8158
Pentiuc, V. 5971
Penttilä, T. 4875
Peper, A. M. 7710
Pepper, H. W. 538, 1087, 1138, 1694
Peralta, R. 2296
Percival, N. S. 6044-6047
Percsich, K. 8097
Peredo, H. 7998
Peredo, H. L. 4911
Peregrino, D. I. 677
Pereira, A. R. 227
Pereira, H. 4128
Pereira, J. C. D. 2853
Pereira, J. S. 4014, 4035, 4128, 4276
Pereira, M. 3336
Perera, A. H. 122, 3668
Peres, A. 917, 2961
Peres, J. R. R. 5870-5871
Peretz, H. 3443
Perez, C. 78
Perez, D. N. 4850
Pérez, M. 1738
Perez, P. 7997
Perez Mateos, M. 4985
Perez-Nasser, N. 634
Perkins, B. 1881
Perlwitz, W. 6091
Perly, B. 6409
Permyakova, L. P. 3132
Perpeet, M. 929
Perry, D. A. 1650, 2382, 5259
Perry, D. J. 1032, 5140
Perry, D. M. 5162
Perry, E. 6646
Persson, H. 834
Perttu, K. 6081
Perttu, K. L. 1812
Peru, Centro de Datos para la Conservación de Programas del Inventario Continuo del Patrimonio Natural 6487
Peru, Facultad de Ingeniería Forestal, Universidad Nacional de la Amazonía Peruana 6075
Perveen, S. 6407
Peter, S. 178
Peterken, G. F. 1966, 5427
Péterné, S. 5750
Peters, C. M. 3013
Peters N., R. 1329
Petersen, T. D. 3454
Peterson, A. T. 7175
Peterson, C. A. 7137
Peterson, D. L. 2151, 8183
Peterson, E. B. 3538
Peterson, G. L. 5356, 5494
Peterson, G. W. 2401
Peterson, J. D. 6514
Peterson, M. J. 472
Peterson, N. M. 3538
Peterson, R. L. 455, 480, 3045, 3058, 5261
Peterson, R. M., Jr. 4813
Petit, H. 1189
Petit-Paly, G. 4342
Petitpierre, E. 2569
Petkov, P. 2402-2403
Petkova, K. 3528
Petráš, R. 4192, 4207
Petrie, A. W. 7361
Petropavlovskiĭ, B. S. 6285
Petrosyan, R. S. 6210
Petrov-Spiridonov, A. A. 3401
Pettenella, D. 664, 7424
Petter, D. A. 1578, 5112
Pettersson, N. 139
Petteys, E. Q. P. 178
Pettit, R. D. 3946
Petz, W. 3059
Peura, R. 270
Peyron, J. L. 3554
Pezdirc, N. 4952
Pezeshki, S. R. 2817, 3340
Pezet, C. 6168
Pezet, Y. 7809
Pfalz, W. 4154
Pfeifer, A. R. 4732
Pfeifhofer, H. 3734
Pfeifhofer, H. W. 2877
Pfirrmann, T. 6953
Pfister, F. 3164, 4614, 5383
Pflüger, K. H. 5508
Phaff, H. J. 7124
Phair, W. E. 5432
Pharis, R. P. 5135-5136
Philipp, W. 1262, 3179
Philipson, M. N. 4330
Philipson, W. R. 4330, 6395
Phillion, B. J. 71, 1239
Phillipps, C. 2282
Phillips, C. 7309
Phillips, C. B. 6977
Phillips, C. J. 7309
Phillips, D. R. 909, 1346, 6084, 6847
Phillips, W. E. 230, 273, 6019
Phillipson, J. 805

Phillipson, J. D. 1514, 7500
Philogène, B. J. R. 7227
Phipps, J. B. 1622
Photovat, M. A. 4885
Picado, W. 1861, 3348
Piccarolo, P. 4059
Piccoli, F. 392
Piché, Y. 7129
Picheth, J. A. T. F. 3408
Pickard, M. A. 5281
Pickens, J. B. 1837
Pidjiharta, A. 7784
Pienaar, D. H. 1549
Pienaar, L. V. 2037
Pierce, H. D., Jr. 8065
Pierce, L. L. 5784
Pierce, P. A. 4950
Pierpoint, G. 7448
Pierre, M. 7724
Piesse, R. L. 1962
Pieters, G. A. 5739, 6358
Pieters, L. A. 7026
Pieterse, P. J. 5595
Pietilä, M. 7881
Pietiläinen, P. 7881
Piggin, C. 6010
Piggin, C. M. 6010, 6541
Pignatelli, O. 5316
Pignedoli, S. 5500
Pigott, C. D. 979, 4193
Piispanen, R. 6923
Pilaar, C. H. 4637
Pilate, G. 3744
Pilcher, J. R. 4570
Pillai, A. 2214
Pillsbury, N. H. 5471
Pilokos, B. 6843
Pilz, D. 2679
Pimenova, G. S. 1
Pineau, M. 2789, 5096
Piñeiro, J. 1738
Pinel, N. 4388
Pinfield, N. J. 1893, 3355
Pinglo, F. 1607
Pinheiro, A. L. 3596, 3775
Pinheiro, G. de S. 170, 723, 3508, 3513, 3516, 4548
Pinheiro, J. A. 1522
Pinkalla, H. A. 1917
Pinker, R. T. 2178
Pinnell, H. D. 2391
Pinney, A. 1781
Pinney, K. 648
Pinto, A. C. 2922
Pinto, M. M. M. 1491, 3721
Piovarči, J. 5855
Pires, C. L. da S. 617-619, 623, 3840
Pirochtová, M. 6423
Pirogovskiĭ, V. V. 1341
Pisarek, W. 2279
Pitel, J. A. 1032, 1232, 3832
Pitman, W. D. 5406
Pittenger, D. R. 6912
Pittock, A. B. 4258
Pitts, D. E. 4235
Pizarro, E. A. 1856, 4821
Pizza, C. 1552, 3700, 7024
Pizzi, A. 1556
Pizzuto, J. C. 3275
Place, I. C. M. 7448
Plaisted, M. J. 1710
Plamondon, A. P. 6909
Plana, L. 5241
Plansesiya, T. 3945
Plassard, C. 5881
Platou, K. A. 7281
Platt, K. 6981
Platt, K. H. 4712
Platts, W. S. 4596
Pleiss, H. 6361
Plewniak, J. 2749
Plochmann, R. 600
Plumb, T. R. 5471
Pluquet, H. 4122
Poa, D. N. 3343, 3366
Pobedov, V. S. 3389, 4744
Pocknall, D. T. 403
Podger, F. D. 5272
Podzorski, A. C. 3025
Poel, H. P. van der 561
Poels, R. L. H. 1142
Pohjola, J. 4027, 4338
Poikajärvi, H. 6080
Poinsot-Balaguer, N. 7177
Pojar, J. 419-420, 3803, 5201
Poker, J. 1840, 2841
Pokhilo, N. D. 2336
Pokhriyal, T. C. 4941, 5007
Pokojska, U. 2859
Poland, Polski Komitet Normalizacji, Miar i Jakości 1150
Polglase, P. J. 3583, 7697
Poliquin, J. 2204
Politano, W. 789
Polito, V. S. 648
Pollard, D. F. W. 5538
Polle, A. 2956
Poller, S. 2911
Pollini, C. 3269, 3539
Pollisco-Botengan, M. A. 2534
Polo, H. L. 7710
Polsson, K. R. 3507, 3517
Poluha, E. 7351
Polyakova, G. A. 552
Polyanskaya, I. V. 7050
Ponce, S. L. 1703
Ponder, H. G. 7378
Ponoy, B. 1889, 1896
Pontinha, A. de A. S. 723, 3513, 3516
Poo, W. K. 64
Poonam Mohan 7858
Poore, D. 1813
Pope, C. A., III 5339
Pope, P. E. 2368, 2522, 3581, 4811
Popescu, I. R. 5725
Popham, T. W. 5681
Popkov, M. Yu. 7635
Poplavskaya, L. F. 7459
Popma, J. 1595, 2777
Popov, E. 3653
Popov, G. 3471
Popov, S. S. 2943
Popova, È. P. 3590
Popova, L. G. 7050
Popovich, S. 174, 179, 5561
Popp, M. 255
Porowska, A. 7357
Portlock, C. C. 5579
Portlock, F. T. 1020
Porubiak, J. 4245
Posch, M. 2100
Pospíšil, J. 3642
Post, K. 8045
Post, T. W. 6976
Posthumus, M. A. 7022
Postigo, P. 78
Potapova, S. A. 6174
Poteri, M. 5306
Potgieter, G. P. 6419
Potter, D. A. 2876, 3116, 5963
Potter, K. L. 2529
Potts, B. M. 5123
Poudyal, P. P. 162
Poulin, V. A. 1099, 1101
Poulton, P. R. 2142
Poussart, D. 2204
Pousset, J. L. 5042, 7012
Powell, G. R. 1895
Power, J. M. 1188, 4648
Powers, H. R., Jr. 1056, 5898
Pozdnyakov, L. K. 3254
Pożgaj, J. 3789
Poznański, R. 6877, 7654
Pozo, A. del 7334
Prabhakar, A. S. 4694
Prabhu, V. V. 2245
Pradeep Kumar 3211-3212
Pradeep Monga 1148
Prahasto, H. 2545
Prakash, C. S. 8016
Prakash, D. 1489
Pramono, I. B. 7784
Pranabes Sanyal 5350
Pranantoro, N. 3807
Prance, G. T. 6831
Prasad, K. G. 802, 2114, 2303, 6971, 7094, 7674
Prasad, K. H. 7008
Prasad, R. 1995, 6188
Prasad, R. B. N. 3726-3728
Prat, D. 6931
Pratap Narain 1778
Pratap Narayan 4824
Pratap Singh 3205, 5297, 5319
Pratiwi 2196, 2278, 2294, 2306, 3804, 7536
Pratt, M. 7370
Pravda, J. 1554
Prayag, V. R. 1332
Predieri, S. 7504
Preece, N. 5209
Preece, P. G. 3297
Preisler, H. K. 2914, 8086
Prentice, I. C. 584, 1009, 3001
Pressey, R. L. 2552, 3225
Preston, R. A. 2747
Preston, T. R. 4181
Preszler, R. W. 5959
Pretty, J. 8135
Pretzsch, H. 182, 753, 4203, 4355, 6289, 6335
Preuhsler, T. 925, 2726, 4211
Prévost, M. 6909
Prévost, M. F. 7939
Prévost, Y. H. 4470
Prevost, Y. H. J. 3067
Prewo, R. 3731
Prey, A. J. 278
Priasukmana, S. 5533
Price, A. G. 4948, 5752
Price, C. V. 3560
Price, D. T. 6425
Price, P. W. 5325, 5957, 5959-5960, 6574
Price, R. A. 2977
Prien, S. 6360, 6532
Pries, E. 5850, 6467
Priesner, E. 5936, 8043
Příhoda, A. 4262
Primault, B. 6319, 7678
Prince, F. A. 1982
Prins, G. A. H. 2667
Prinsley, R. T. 7395
Prishutova, Z. G. 3600
Pristupa, G. K. 7518
Pritam Singh 7143
Pritchard, H. W. 2575
Pritchard, M. A. 1155
Privalovskaya, G. A. 4658
Prober, S. M. 5243
Pröbstl, U. 3235
Proctor, J. 2282
Proctor, M. C. F. 2359
Proctor, M. E. 2359
Proebsting, W. M. 73, 3242
Prokhorchuk, T. I. 7050
Prokopenko, N. I. 7255
Prokushkin, S. G. 2175
Promila Kapoor 6441
Provan, G. J. 1510, 2932
Prpić, B. 4954
Prudič, Z. 2317
Prunty, T. J. 4145
Prusinkiewicz, Z. 1842
Pryor, L. D. 8031
Pryor, S. N. 4812
Przezbórski, A. 7169
Pu, M. 2123
Pu, R. L. 2757
Puchinger, L. 3712
Puckett, L. J. 6353
Pudjiharta, A. 2113, 2179-2180
Puebla, P. 5064
Puentes, O. 6180
Puerto Martín, A. 7949
Pugin, A. 918
Puig, H. 2108, 2305, 7634, 7922
Puigdefábregas, J. 2088
Pukkala, T. 781, 1133, 4006, 4708
Pundarikakshudu, K. 2235
Punj, V. 3853, 5869
Purata, S. E. 1012
Purba, K. 4341
Purba, P. 1452
Purey-Cust, J. R. 6713
Purnell, R. C. 6501
Purushothaman, S. 2023
Purwito, D. 1843
Puryear, J. D. 4939
Pushparajah, M. 4611
Pusset, J. 1521
Putra, S. 1745
Puttock, G. D. 126, 6222
Puttonen, P. 3410
Putz, F. E. 1007, 4982, 5217, 5578
Puzzuoli, F. V. 5076
Pyatt, D. G. 6799
Pyle, C. 4661
Pyne, A. 4650
Pythoud, F. 2960
Pywell, N. A. 6085
Pyykkö, I. 4063
Qamar, I. A. 8124
Qamaruddin, M. 3742
Qarro, M. 1693
Qasim, M. A. 1546
Qazi, S. 7879
Qi, L. X. 7163
Qi, Y. H. 3060
Qian, F. J. 2462
Qian, L. Y. 883
Qian, Q. 305
Qiao, S. Y. 314
Qiu, D. X.. 478
Qiu, F. G. 650, 2599
Qiu, Q. C. 5507
Qu, C. H. 7101
Quaglino, A. 4754, 5348
Quaile, D. R. 3266
Quak, W. 2539
Qualls, J. I. 4595
Quarmby, L. M. 2913
Quednau, F. W. 498
Quenet, R. 5953
Quert, R. 7849
Quesada A., M. 7095
Quiniones, S. S. 448
Quinlan, R. 1084
Quinn, J. A. 370
Quintos, M. 463
Quirion, J. C. 2231
Quiros, R. 4718
Rabesa, Z. 3733
Rabindra Chettri 5187
Racette, S. 2376-2377, 5255
Racey, G. D. 1240, 1266
Rackham, O. 1134
Račko, J. 5684
Rada, F. 6337, 6526
Radhakrishnaiah, M. 5141, 5149
Radosevich, S. R. 3454
Radosta, P. 4097, 4100, 4113
Radu, I. 5570
Radulovich, R. 5382
Radvanyi, A. 5360
Radwan, M. A. 3377, 3393, 5550
Radzuan Abdul Rahman 3300
Raettig, T. L. 6866
Raffa, K. F. 5276, 5303
Raffy, M. 2081
Rafiq, M. 5418
Ragazzi, A. 7059
Raghavan, P. 1931
Ragsdale, H. L. 2838
Rahman, A. 6058
Rahman, M. A. 4446
Rai, R. N. 5407
Rai, R. S. V. 1906, 6144, 6156, 6195
Rai, S. 4333
Rai, S. N. 168, 589-590, 1904, 2039, 2059, 2136, 4867
Rai, V. R. 77
Raile, G. K. 771, 1371
Raimer, J. 7608
Raina, A. K. 4929, 6710, 7674
Raines, P. L. 3792
Raintree, J. 5771
Raintree, J. B. 1158, 5502, 5771
Raitanen, E. 1266
Raj Kumar 2217
Rajeevalochan, A. N. 2259
Rajora, O. P. 2357-2358

Rajput, D. K. 3966
Rajyalakshmi, T. 5188
Rakesh Bhargava 2341
Rakov, A. Yu. 3169
Ralhan, P. K. 304, 424, 2234, 3816, 5186
Rali, T. 6840
Ralph, D. R. 3400
Ram, H. Y. M. 2883
Ram, S. 1739
Ram Prasad 720, 5452, 7492, 7544, 7604-7605, 7705, 7942
Ramachandran, K. K. 591
Ramakrishnan, P. S. 1783, 3671, 4554, 5223
Ramalho, R. da S. 3674, 3775
Raman, P. V. 1532
Ramanuja, S. 1994
Ramaprasad, G. 2906
Rambal, S. 4034
Ramdayal, F. 5076
Ramesh, B. R. 2289
Ramilo, E. 1289
Ramírez, C. 398, 6382, 7477, 7934
Ramirez, K. 2373
Ramirez, L. 6134
Ramirez, O. 3104
Ramírez G., C. 6382, 6477
Ramkumar, A. 3374
Ramm, C. W. 2529
Ramos, L. 7621
Ramos, R. 8076
Ramsay, C. A. 3092
Ramsden, N. G. 7872
Ramsey, K. P. A. 1551
Ramsey, M. W. 6437
Ramshe, D. G. 3996
Ramstein, G. 2081
Ran, E. T. H. 4382
Rana, B. S. 2048, 3510, 4859
Rana, D. S. 6029
Rana, R. S. 6739
Rancusi H., M. 7002
Randall, V. D. 3827
Randazzo, G. 2394
Randell, B. R. 5147
Randuška, D. 4853
Ranft, H. 1213, 4354
Rangaswamy, C. R. 2095, 2137
Rangaswamy, K. T. 3186
Rangelov, K. 3653
Ranjana Yonzone 1328
Rankin-de-Merona, J. M. 7924
Rantasuo, M. 3278
Rao, A. N. 3380
Rao, A. V. 5251
Rao, C. 3703
Rao, D. G. 6627
Rao, G. S. 4824
Rao, K. S. 1783, 3671
Rao, M. R. 4826
Rao, M. S. R. M. 4547
Rao, N. R. 2017
Rao, P. B. 4709
Rao, P. G. 6842
Rao, P. S. 2945, 4686
Rao, P. U. 2906
Rao, T. A. 2268
Rao, V. U. M. 2173
Raphael, M. G. 1330
Rapp, M. 2186, 2694
Rappaport, N. G. 3093
Räsänen, T. 1373
Rashomavichyus, V. 4002
Raske, A. G. 524, 6562, 7265, 8088
Rasmussen, L. 3624
Rasmussen, L. A. 4492
Rast, E. D. 5607
Rastetter, E. B. 3288
Räther, M. 7217, 7456
Rathinasamy Gandhidasan 1532
Rathore, A. 7023
Ratkowsky, D. A. 4127
Raturi, R. D. 5016
Rau, H. M. 2613, 6719
Raulo, J. 6331
Raupach, M. R. 2856
Raupp, M. J. 7274
Raut, M. S. 6624
Rautiainen, L. 4746
Ravanel, P. 2227
Ravelo, A. G. 7836
Raven, P. H. 7916
Ravi, K. 7008
Ravi, R. 6412
Ravichandran, R. 4639
Ravisankar, T. 2017
Ravlin, F. W. 6543, 6590
Rawat, J. K. 4032, 4830, 4843
Rawat, M. M. S. 1907, 4703, 6145
Rawat, R. R. 7238
Ray, M. 7057
Rayachhetry, M. B. 5535
Raychaudhuri, S. P. 6661
Raynal, D. J. 3599, 3612, 3635
Rayner, A. D. M. 5270
Raza, S. H. 2150
Razumova, M. V. 6141
Razzag, A. A. 676
Razzaghi, M. 2843
Read, D. J. 821-822
Read, J. 410, 4906, 5802, 6908
Reade, M. G. 7656
Reader, P. M. 4457
Ready, K. L. 1885
Real, P. 6476
Reamer, L. D. 6822
Reams, G. A. 3284
Reardon, R. C. 8085
Reátegui, U. 7601
Rebertus, A. J. 3669
Reboul, L. de 1208
Redder, A. J. 5362
Reddi, C. S. 6436
Reddi, S. N. 6436
Reddy, A. V. R. 1506
Reddy, B. S. 2606
Reddy, D. M. 5188
Reddy, K. R. 6842
Reddy, K. V. 446, 6780
Reddy, M. V. 6925
Rédei, K. 5604, 5665
Redenbaugh, K. 6139
Redhead, S. 4902
Redmond, C. 4240
Redmond, C. H. 224
Reed, C. E. 1554
Reed, D. W. 8043
Reeves, J. W. 4896
Regelbrugge, J. C. 4270
Régière, J. 6553
Reginster, Y. 7060
Regnander, J. R. 7229
Régnière, J. 7197
Rego, F. C. 2532
Rehfeldt, G. E. 3831, 4416
Rehfuess, K. E. 1447, 1640, 2831, 3630, 5555
Rehill, P. S. 6518
Reich, P. B. 356
Reichardt, P. B. 1530, 8045
Reiche, C. 3324, 7346
Reiche, C. E. 4676
Reid, C. P. P. 461
Reid, N. 7937
Reifsnyder, W. E. 4962
Reille, M. 7081
Reimer, K. J. 8087
Reimers, C. D. 5508
Reiners, W. A. 962, 2089, 3573
Reinhardt, E. D. 2869
Reinhardt, W. 564
Reinikainen, J. 784
Reis, G. G. dos 260, 819, 3362, 3604
Reis, M. das G. F. 666, 3610, 3764
Reisch, J. 2242, 2898, 7864
Reischl, A. 4951
Reisinger, L. M. 782
Reisinger, T. W. 4219
Reissinger, M. 4951
Reiter, H. 3585
Reiter, L. L. 4536
Reitsma, J. M. 1585
Rej, R. N. 1564
Rekha Gupta 2246
Relova, R. A. 3172
Relwani, L. L. 1323, 4620, 6132, 6247, 6710
Remiš, J. 3465, 4161, 4784, 7558
Remphrey, W. R. 2223
Ren, D. J. 6837
Ren, J. K. 804, 1344
Rena, A. B. 3362
Renaudin, S. 1043
Rengen, M. 3632
Rennenberg, H. 2956
Renner, D. L. 6871, 8003
Renshaw, E. 988
Renterghem, O. van 1757
Rentschler, I. 7816
Renuka, C. 2272, 2284, 2712, 3670
Renvoize, S. A. 3770
Repo, S. 1667, 3909
Resendez, R. 1620
Reshid, K. 2537, 6033
Reshid Kedir 2537, 6033
Restrepe Uribe, G. 6130
Retnakaran, A. 524, 7265, 8088
Rettelbach, B. 4169
Reukema, D. L. 5612
Reunala, A. 4023, 5428, 6110
Reuveni, R. 8000
Revilla, G. 7000
Reville, B. J. 4542
Reyes Gorena, H. de los. 1998
Reynolds, J. F. 4033-4034
Reynolds, L. 7596
Reynolds, P. 6233
Reynolds, P. E. 3265
Reynolds, W. F. 5076
Rezabek, C. L. 278
Rezende, J. L. P. 227, 741
Rezende, J. L. P. de 3565-3566
Rezende, M. A. 750
Řezníček, R. 5622
Rhizopoulou, S. 4275, 5726
Rhodes, B. 1997
Ribas, C. 709, 711
Ribeiro, E. F. 1522
Ribeiro, J. C. 3522, 3540
Ricard, J. 4448
Ricca, A. 6920
Ricci, J. P. 7795
Rich, P. M. 885, 7095
Richard, B. 1521, 2933
Richards, E. G. 3253
Richards, G. C. 6002
Richards, J. 3026
Richards, J. A. 2082
Richards, M. T. 6637
Richards, N. T. 3056
Richardson, C. J. 2955
Richardson, D. M. 6941
Richardson, D. P. 7033
Richardson, D. R. 2321
Richardson, M. 4629
Richardson, S. D. 3321
Richter, D. L. 5258
Richter, G. 4080
Richter, J. 3584, 4895
Rico-Gray, V. 5189
Rico Rodríguez, M. 7949
Ridder, H. W. 3279
Rideau, M. 4342
Rideout, R. 7376
Riedel, E. 4154
Riedl, W. 564
Riegel, G. M. 5185
Riehle, M. 4673
Riekerk, H. 3943
Rieley, J. O. 2490
Riemann, K. 5545
Riemenschneider, D. 2355
Riemenschneider, D. E. 2330, 2355, 5239
Riemenschneider, K. 6000
Riera, B. 7634, 7922, 7955
Rietbergen, S. 1813
Rietveld, W. J. 1833, 3282-3283, 4041, 6192, 6770
Rifut, C. 3040
Riggan, P. J. 4392
Riggs, R. A. 8090
Righetti, B. 7504
Rigney, L. P. 5222
Rigney, M. P. 6686
Riguera, R. 3697
Riha, S. J. 4304, 5708
Rijk, J. H. de 4654-4655
Rikala, R. 2657
Rikhari, H. C. 3816, 5198
Rikhter, I. È. 7702
Rikhter, T. A. 7702
Rikkonen, P. 1336, 6274
Riley, B. W. 4580
Riley, J. 1766, 5411
Riley, M. A. 3113
Rimando, R. M. 3414
Rimbawanto, A. 4701
Rimpler, H. 1533
Rin, U. C. 142
Rinaldi, L. M. R. 4715
Rinaldi, S. 956
Rinallo, C. 4352
Rinaudo, G. 7985
Rincón, E. 7670
Rind, D. 7673
Ring, R. A. 2454
Ringius, G. S. 5238
Ringrose, S. 3557
Rinker, D. L. 3237
Rinsdorf, E. 7667
Ríos, D. 1392, 2786
Rios Insua, V. 3887
Rioux, D. 1641
Ripalta, A. 4904
Ripatti, P. 6110
Ripken, H. 1363
Rise, M. 5793
Risenhoover, K. L. 1090
Rishbeth, J. 3867
Risley, L. S. 5299
Risser, R. 4397
Ritari, A. 4987
Ritchie, G. A. 1952
Ritchie, J. C. 2996
Ritchie, K. A. 2497, 2513
Ritchie, M. W. 6849
Ritchie, R. M. 3580
Ritchie, V. P. 8098
Ritland, C. E. 1484
Ritland, K. 5237
Rittenhouse, L. R. 3931
Ritter, H. 7650
Riva, F. 2605
Rivas, J. de las 3276
Rivoir, O. R. 1998
Rizzo, D. M. 237, 3868
Ro-Poulsen, H. 7750-7751
Robarge, W. P. 3755, 3758
Robbertse, P. J. 2875, 5126
Robbins, A. M. J. 5543-5544
Robbins, C. T. 5363
Robbrecht, E. 4321
Roberge, M. R. 4768, 4919
Roberts, C. J. 1714, 3955
Roberts, D. R. 84, 4720
Roberts, D. W. 5193
Roberts, H. 3075, 3086, 3111
Roberts, J. 6934
Roberts, M. F. 7500
Roberts, M. R. 1010
Roberts, P. 5571
Roberts, R. G. 5374
Roberts, R. S. 3232
Roberts, T. H. 4525
Roberts, T. M. 3609
Robertson, A. I. 7708
Robertson, A. S. 4499
Robertson, B. M. 7595
Robertson, E. D. 6945
Robertson, F. M. 2282
Robertson, G. P. 780, 801
Robertson, J. L. 8086
Robertson, P. A. 1696
Robichaux, R. 5205
Robichaux, R. H. 258
Robin, A. M. 2802

Robinson, G. 4152
Robinson, H. 1542
Robinson, P. 7106
Robinson, P. J. 158, 4020, 7106
Robredo, F. 2453
Robsinson, K. S. 1834
Robson, N. K. B. 6455
Rocheleau, D. 3199
Rocheleau, D. E. 3199
Rochidajat 2025-2027
Rochidajat, G. 2218
Rock, E. A. 4496
Rockwood, D. L. 3415, 3762, 4765, 6502, 6780
Rockwood, L. L. 3916
Rocuant Trucios, L. 6157
Rodà, F. 5730
Rodenkirchen, H. 5555
Roderick, H. 4011
Rodgers, W. A. 6593
Rodionov, V. S. 6417
Rodriguez, D. C. 2705
Rodriguez, D. M. 2705
Rodriguez, J. 1098
Rodriguez, M. 6326
Rodríguez, M. R. 3587
Rodríguez, N. M. 4820
Rodríguez, R. 1910
Rodriguez, R. A. 2529
Rodríguez, V. 3172
Rodriguez-Bejarano, D. 3552
Rodríguez-García, M. I. 335
Rodríguez Marín, G. 6712
Rodríguez Montenegro, L. 7132
Rodríguez R., G. 6389
Rodríguez R., R. 6389
Rodziewicz, A. 2464
Roeder, A. 6312
Roederer, Y. 6385
Roer, H. 7239
Roesch, F. A., Jr. 7661
Roffael, E. 3647
Roffey, S. 6149
Roger, J. H. 8142
Rogers, A. L. 678
Rogers, C. B. 1558, 2228
Rogers, G. F. 874
Rogers, G. M. 2992
Rogstad, S. H. 4405
Rohatgi, B. K. 1560
Röhle, H. 926, 2816, 2839, 4212, 5811
Rohner, U. 6383
Rohr, R. 1933
Röhrig, E. 1288, 5457
Rohrschmeider, L. 2243
Roig, F. A. 4904
Roininen, H. 6574
Roitberg, B. D. 7248
Rojas, G. 2255
Rojas R., F. 3274
Rojo, J. P. 3349-3350
Roland, J. 7206
Rolfe, G. L. 1770
Rollins, R. C. 6654
Roloff, A. 365, 2966
Romane, F. 960, 2694
Romanelli, R. C. 620, 643, 746
Romano, D. 2069
Romanov, G. N. 1845, 2140
Romanov, I. A. 7311
Romeijn, P. 5165
Romeijn, P. C. 3014
Romeo, J. T. 1575
Romero, G. 6729
Romero, M. 2786
Römisch, K. 4208, 6275
Romiti, C. 3275
Römmelt, R. 5254
Romussi, G. 1552
Rona, J. P. 920
Ronco, F., Jr. 5843, 5846-5847
Ronde, C. de 5732-5733
Rondeux, J. 4640, 4645, 4841, 6816
Rong, X. D. 6680
Roop Singh 5788, 7814
Roos, W. 1757
Roose, D. de 7044
Root, B. G. 2477
Roques, A. 497, 7211
Rosa, P. R. F. da 619, 623, 3514
Rosada, A. 4287
Rosamoelisendra, R. 3733
Rosand, P. C. 3975
Rosas, A. 1391
Rosati, P. 1249
Rose, C. L. 5755
Rose, C. W. 3165
Rose, D. 3320
Rose, D. R. 787, 1643
Rose, P. D. 2395
Rosemann, D. 6964
Rosen, A. E. 4862
Rosén, K. 3624
Rosenberg, N. J. 4961, 6676
Rosenberg, U. 6579
Rosenburg, A. 7251
Rosenthal, D. H. 5494, 6065
Roskams, P. 2670
Rosner, J. 4183
Rosnev, B. 2402-2403
Ross, D. W. 3154, 3454
Ross, M. S. 4
Ross, S. D. 4716
Ross-Todd, B. M. 2846
Rossbach, T. 4965
Rossikhina, O. G. 7125
Rossiter, M. C. 4474
Rossman, N. C. 7776
Rosson, J. F., Jr. 745, 4845, 6890
Rosswall, T. 780
Rost-Siebert, K. 7761
Rostiwati, T. 3658
Rosvall, O. 151
Rotaru, C. 1305
Roth, C. 1366
Roth, L. F. 5908, 7152
Rothe, G. M. 7522
Rothwell, G. W. 971
Rothwell, R. L. 550
Rott, K. 2846
Rouane, M. L. 1477-1478
Roughley, R. J. 7126, 7993
Roumestand, C. 6409
Rouse, J. L. 934
Rousseau, J. V. D. 461
Rout, A. F. 4127
Rout, S. K. 2814, 4926
Roux, J. P. 608
Roux, P. J. le 5210, 5424, 5758
Roversi, P. F. 6548, 8032, 8083
Rovira, M. 7119
Rovkach, A. I. 7682
Rowan, D. 7309
Rowan, S. J. 5566, 5582
Rowhani, A. 492
Roy, M. M. 63, 1900, 5982
Roy, R. D. 1749
Roy, S. K. 1546, 5912
Różański, W. 3007
Rozhdestvenskii, S. G. 2
Rozhkov, L. N. 7682
Rozsnyay, Z. 28, 4045
Rozzi, R. 376
Ruan, H. H. 411
Ruan, X. G. 311
Ruan, Y. 2344
Ruark, G. A. 3497
Ruaysoongnern, S. 6528, 7732
Rubin, G. 3627-3628
Rubio, J. 4821
Rudawska, M. 7987
Rudd, R. L. 8099
Ruddell, E. J. 4030
Rudenko, L. P. 4132
Rudis, V. A. 769, 4030, 7360
Rudolph, E. D. 1042
Ruehle, J. L. 890, 3855-3856
Ruel, J. C. 2789
Ruetz, W. 2578
Ruetz, W. F. 2578
Ruetze, M. 4968
Ruf, G. 4529
Rüffler, R. 6310
Rugg, R. 178
Ruggiero, L. 5445
Rugmini, P. 761
Ruiz, R. 8128
Ruiz, R. A. R. 3882
Ruiz, T. E. 3187
Ruiz-Flaño, P. 2565
Rukmini, C. 2906
Rulev, A. S. 6615
Rumbal, J. P. 6069
Rundel, P. W. 2119
Runkel, K. H. 6953
Runkle, J. R. 4395
Running, S. W. 4236, 5372, 5784
Rupais, A. 2563
Ruppert, W. 3684
Rusalenko, A. I. 6284
Rusanen, M. 6387
Rush, P. A. 3372
Rushforth, K. D. 1034, 5144, 5146
Rushton, B. S. 4908
Russell, B. P. 1149, 2572-2574
Russell, E. W. B. 5495
Russell, G. B. 5065
Russo, R. O. 2375, 7335
Rustad, L. E. 7729
Ruswandy, H. 49, 2429
Ruth, D. S. 3148
Ruth, S. R. 7341
Rutkowska, L. 7655
Rutkowski, B. 2728, 6877, 7654
Rutter, P. A. 5164
Ruyle, G. B. 3931
Rwamputa, A. K. 4516
Ryabinin, N. I. 2066
Ryan, H. D. P., III 4675
Ryan, K. C. 2869
Ryan, M. G. 871, 2583
Ryan, M. W. 1707
Ryan, P. G. 7909
Ryan, P. J. 2794
Ryan, R. B. 3144
Ryapolov, V. Ya. 3891
Rycyk, F., Jr. 5896
Ryder, K. 5542
Rydin, H. 1412
Rygiel, Z. 6707, 7426
Ryker, R. A. 4041, 4123
Rykiel, E. J., Jr. 6960
Ryle, G. J. A. 4552
Ryman, N. 4413
Rymer-Dudzińska, T. 7416
Ryn, D. M. van 836
Rypáček, V. 5712
Rypák, M. 3749
Rysin, L. P. 3233
Rysina, G. P. 3233
Rytter, L. 886, 3523
Ryu, H. Y. 7822
Ryu, J. B. 7965
Ryu, K. O. 613-615, 1025
Ryynänen, S. 7586
Rzeznik, Z. 4075
Saarenmaa, H. 4910
Saarsalmi, A. 6282
Saavedra, C. E. 4820
Sabadi, R. 4889
Sabatier, D. 7939
Sabiha Qazi 7879
Sabiiti, E. N. 5987
Sabira Begum 3694
Sabnis, D. D. 5078
Sabogal M., C. 5196
Sabor, J. 2623, 7798
Saborowski, J. 1427
Sabu, T. 7944
Sacande, M. 6706
Sacchi, C. F. 5957, 5960
Sachchidananda 5451
Sachsse, H. 3038, 6362
Sadaka, N. 7177
Sadanandan, N. 2024
Saefuddin, A. 5737
Sáenz, D. 7614
Saevich, K. F. 7952
Saez, J. 1508
Safarov, I. S. 3173
Saffigna, P. 3798
Safonov, G. E. 6650
Safranyik, L. 527, 3119, 3147, 5321
Safronov, A. N. 7250
Saghai-Maroof, M. A. 5856
Sagisaka, S. 4346
Sagl, W. 7669
Säglitz, J. 1172
Sagwal, S. S. 2038, 3074, 4761, 6775
Sah, A. K. 7676
Sah, K. D. 1445
Sah, V. K. 4719
Saharan, N. 5408
Sahlén, K. 1873
Sahoo, A. K. 1445, 2034
Sahota, T. A. 4487
Sahu, A. 3717
Sai, U. S. 5482
Saibal Basu 2713
Saijo, R. 7842
Saiki, H. 313, 1475, 7409, 7823
Sailer, E. 4242
Saini, G. 7918
St. John, D. M. 1359
St. Pierre, R. G. 6434
St. R., P. 3842
Sairinji, T. 1617
Saito, A. 72, 1934
Saito, H. 4359
Saito, I. 2923, 7013
Saito, M. 437, 1388, 1442, 7929
Saito, T. 1630
Sakai, A. K. 5658
Sakai, H. 156, 1317, 6297
Sakai, M. 7235, 8053
Sakai, S. 7799
Sakai, T. 205, 209, 1309, 1364, 7643, 7925
Sakaki, M. 3722
Saklani, A. 6839
Saksa, T. 4780, 6221
Sakura, T. 7623
Sakuragawa, K. 1436
Sakurai, K. 3108-3109
Sakurai, M. 2935
Sakurai, N. 897
Salatino, A. 7859
Salatino, M. L. F. 7859
Salazar, R. 2611, 2722, 3320, 3348, 7462
Sale, J. S. P. 686
Salem, B. B. 1161, 7314
Sales, L. M. de A. B. 723
Saliari, M. 7895
Salimuzzaman Siddiqui 1498, 3694
Salisbury, J. W. 3277
Sallata, M. K. 2113
Salleo, S. 2118
Salles, L. M. de A. B. 710, 723
Salmon, T. P. 6667
Salom, S. M. 6568
Salonen, K. 2795
Salsac, L. 5881
Salvador Flores, J. 6695
Salwasser, H. 4523
Salzer, W. 2540
Samarakoon, L. 6370
Sambrano, A. 2528
Samejima, M. 348
Samo Lumbreras, A. 4308
Samoilova, M. S. 2858
Samoilova, T. S. 2858
Samra, J. S. 3584, 6716, 7034
Samsijah 2032
Samson, J. 464
Samson, J. F. 6821
Samson, R. A. 475
Samuel, S. D. 8040
Samylina, I. A. 5048
San Feliciano, A. 2924, 5064
San-José, M. C. 4725
San Martín, J. 398, 6382, 7934
Sanadze, G. A. 5800
Sanchez, J. F. 5060
Sanchez, M. J. F. 7103

Sanchez-Coronado, M. E. 7670
Sánchez-Herrera, F. 1083, 7258
Sandberg, C. J. 7150
Sandberg, G. 3737, 7848
Sandermann, H., Jr. 6964
Sanders, C. J. 7207
Sanders, J. K. M. 5050
Sanders, P. R. W. 1106
Sanders, R. W. 6992
Sanderson, A. R. 7243
Sanderson, R. 4275
Sandoval, C. H. 4865
Sands, D. P. A. 5924
Sands, M. 4550
Sandum, A. K. I. 642
Sandvik, M. 1480, 2778
Sanford, R. L., Jr. 2813, 7342
Sangakkara, U. R. 5413
Sangeeta Bhargava 3719
Sanginga, N. 1941, 3482, 5866
Saniga, M. 4769, 4806
Sankar, S. 591, 3533
Sankar, S. J. 4545
Sankaram, A. V. B. 2906
Sankaran, K. V. 3862-3863
Santa Regina, I. 3166
Santamour, F. S., Jr. 5439, 6456, 6506
Sant'ana, A. E. G. 1518
Santana, M. 3975
Santantonio, D. 4329
Santerre, A. 3752
Santos, G. P. 1063
Santos, M. C. D. 6973
Santoso, E. 362, 3663, 3805, 3826, 7991
Sanwo, S. K. 286
Sanyal, M. 2365
Sapanov, M. K. 4271
Saraiva, I. R. 774, 3550, 3809
Sareen, T. S. 2213
Sarikhani, N. 4835
Sarin, Y. K. 6929
Sarjala, T. 4746
Sarma, C. R. 2039, 2059
Sarma, P. C. 8037
Sarnatskiĭ, V. V. 7797
Sarrailh, J. M. 8127
Sarran, P. 1275, 6168
Sartwell, C. 3100
Sarwat Sultana 1511
Sary, H. 7233
Sasakawa, M. 3912
Sasaki, C. 434, 8010
Sasaki, I. 46, 48, 155, 157, 1316, 1364
Sasaki, K. 2392
Sasaki, R. 569
Sasaki, S. 5135-5136
Sashida, Y. 7010
Sasidharan, K. R. 5177
Sasidharan, N. 3815
Sassa, T. 1829
Sasser, C. L. 1403
Sastrawinata, H. A. 1974
Sastry, M. S. 7837
Sato, K. 320
Sato, Y. 474
Satter, R. L. 2913, 2965, 5094
Satyendra Yadav 2134
Satyendra Yadev 2234
Saucier, J. R. 728
Saugier, B. 4934
Saunders, J. A. 6416
Saur, E. 1418, 4110
Sauter, F. 7853
Sauter, M. 357
Sauter, U. 1944, 2638, 4297
Sauvard, D. 6567
Sava, I. 5576
Savidge, R. A. 1565, 3688, 5099, 5799
Savita Kandya 7906
Savithri Devaraj 1532
Savoie, J. M. 2801
Savouré, A. 7724
Savva, N. M. 6595
Sawada, S. 3622
Sawoniewicz, J. 8022
Sawyer, J. O. 5185
Sawyer, J. O., Jr. 4928
Saxena, A. K. 1177, 2302, 4719
Saxena, N. 7605
Saxena, N. C. 4592
Saxena, N. K. 7605
Saxena, V. K. 1490, 2247, 7735
Scagel, A. M. 1810
Scalbert, A. 2928
Scalet, M. 6093
Scambler, A. 1115
Scamoni, A. 6465
Scanlan, J. C. 1688, 3188
Scannerini, S. 456
Scaramozzino, P. L. 5349
Scarascia-Mugnozza, G. 3579
Scarratt, J. B. 101, 6193
Scatena, F. N. 4530
Scattolin, V. 6932
Scaysbrook, T. 2929
Schaal, B. A. 4405
Schaap, W. 2677
Schabel, H. G. 4516
Schache, W. 4149, 4242, 6292
Schachler, G. 1930, 4348, 6161
Schadendorf, C. 6312
Schaedle, M. 3599
Schaefer, C. 6741
Schaefer, D. A. 3573
Schaefer, P. W. 8033
Schaefer, S. 601, 2767
Schaetzl, R. J. 7687
Schafale, M. P. 4661
Schafer, G. N. 5661-5662
Schäfer, H. 2146
Schaffhauser, H. 4529
Schaible, R. 4983
Schaitza, E. G. 1463
Schalk, P. H. 6381
Schantz, M. v. 4338
Schär, E. 4569, 5172
Scharpf, R. F. 1060, 3888, 7996
Schätzler, H. 7574
Schauer-Blume, M. 5327
Scheckler, S. E. 971
Scheer, L. 5684
Scheffler, M. L. 7455
Scheiner, S. M. 1010
Schenker, R. 7381
Schepper, C. de 2669
Scheromm, P. 5881
Scherr, S. J. 4600, 6034, 7339, 7349, 8142
Scherrer, H. U. 2141, 2782
Scherrer, P. 3615
Scherzer, A. J. 850
Schibbe, W. 4120
Schicke, P. 3136, 3142
Schierl, R. 3585
Schiess, P. 4781
Schiff, P. L., Jr. 3724
Schiffman, P. M. 7730
Schiller, G. 1860
Schimel, J. P. 7698
Schindelbeck, R. R. 5708
Schindler, C. 2847, 7760
Schindler, T. 7053
Schindler, W. 2588
Schinini, A. 4183
Schinkel, R. F. 561
Schipper, L. A. 5706
Schirone, B. 665, 1251
Schisler, D. A. 3404, 3854
Schiz, M. 564
Schlaegel, B. E. 595
Schlaepfer, R. 1578, 2968, 3180, 5112, 6431
Schlatter, J. 6180
Schlatter, J. E. 6347-6348, 7547, 7700
Schlatterer, E. 4617
Schlegel, F. M. 6474
Schlenker, G. 1389
Schlesinger, W. H. 4133
Schlieter, J. A. 7619
Schlyter, F. 7222, 8063
Schmandt, J. 4011
Schmeckbier, B. 6256
Schmeda-Hirschmann, G. 4182-4183
Schmehl, W. R. 5395
Schmelz, D. V. 7089
Schmid, J. M. 5946
Schmid, M. K. 874
Schmid, P. 5383
Schmid-Haas, P. 7392
Schmidt, A. 1577
Schmidt, D. R. 5737
Schmidt, F. 2101
Schmidt, G. 6494
Schmidt, G. H. 7213-7214
Schmidt, J. 5811
Schmidt, J. A. 4797
Schmidt, O. 1646
Schmidt, P. 4605, 7565
Schmidt, R. A. 4249
Schmidt, T. L. 7352
Schmidt, U. 7431
Schmidt, W. C. 5462
Schmidt-Vogt, H. 5456
Schmidtke, H. 5110
Schmidtling, R. C. 1879
Schmiedel, H. 1312
Schmink, M. C. 4651
Schmithüsen, F. 7429
Schmitt, E. 6422
Schmitt, J. J. 5081
Schmitt, L. 7533
Schmitt, R. 6964
Schmitt, U. 4968
Schmittinger, B. 5497
Schmitz, R. F. 8081
Schmoldt, D. L. 7423
Schmutterer, H. 3701
Schmutzenhofer, H. 3110, 3115
Schneck, H. 2635
Schneider, B. H. 2905
Schneider, B. U. 851, 5556, 6428, 7891
Schneider, M. 5742
Schneider, M. H. 5523
Schneider, O. 1578, 5112
Schneider, R. L. 5129
Schneider, T. W. 1840, 2841
Schnell, G. 289
Schnell, G. R. 1166, 1437
Schnelle, M. A. 7370
Schober, R. 52, 5617
Schoeneberger, P. 2849
Schoenike, R. E. 6662
Schoettle, A. W. 356
Schofield, C. L. 3599
Scholten, H. 2507
Schönau, A. P. G. 3266, 4750, 4805, 4839
Schönbeck, H. 8079
Schonberg, F. 5941
Schöne, D. 1938, 6344
Schönenberger, W. 2782, 8119
Schönhar, S. 5456, 8002, 8020
Schönwald, H. R. 7390-7391
Schönwitz, R. 4339
Schoonderbeek, D. 7785
Schoonmaker, P. 4401
Schoonraad, E. 2875
Schoot, C. van der 328
Schopf, R. 1076, 5950
Schöpfer, W. 5805, 5807, 7758, 7897, 8180
Schowalter, T. D. 2332, 2414
Schrader, S. 7390-7391
Schram, P. 6892
Schramel, P. 4353, 7891
Schreiber, H. 7816
Schreiber, H. J. 2243
Schreiner, H. G. 3213
Schreuder, H. T. 762, 2583
Schreyer, R. 6635
Schröder, D. 1937-1938
Schroeder, G. 4237, 4242, 6292
Schroeder, H. A. 6414
Schroeder, H. W. 6641, 7365
Schroeder, L. M. 7224
Schroeder, W. L. 4871
Schroeder, W. R. 2514, 3949
Schröfl, J. 6113
Schröter, H. 7759
Schübel, G. 4264
Schuber, T. H. 6277
Schubert, J. 4118
Schubert, T. H. 3394
Schuepp, P. H. 2132, 4958
Schukmann, W. K. 1513
Schüler, G. 7410
Schulin, R. 6365
Schulte, A. 4301
Schulte, P. J. 912
Schulte-Hostede, S. 6668
Schulten, H. R. 2106
Schultz, J. C. 5992, 6544
Schultz, R. C. 5877
Schultze, W. 5082
Schultze-Dewitz, G. 860, 4076, 4296, 6666
Schulz, A. 5078
Schulz, E. 5180
Schulz, H. 4294, 4980, 7765
Schulze, E. D. 363-364, 915, 3624, 5107, 6428-6429, 7891-7892
Schulzke, R. 2613, 2671
Schumacher, R. W. 4095
Schupp, E. W. 368, 8023
Schuster, E. G. 6866
Schuster, W. S. 1619
Schütz, J. P. 1308
Schwager, G. 854
Schwanecke, W. 4274
Schwartz, M. W. 967
Schwartz, V. 3279
Schwartzman, S. 6835
Schwarzbauer, P. 5492
Schwarzenbach, F. H. 2141
Schwarzwalder, R. N. 5168
Schweinfurth, U. 404
Schweingruber, F. H. 4569, 4912, 5172, 5446
Schweizerische Zeitschrift für Forstwesen 1817, 7399, 7430
Schwela, D. H. 593
Schwenk, S. 2586
Schwintzer, C. R. 2371
Scibilia, K. L. 7172
Sclavo, J. P. 943
Scofield, A. M. 7872
Scogin, R. 908
Scoones, I. 1157, 8135
Scoones, I. C. 8135, 8165
Scora, R. W. 2232
Scott, C. T. 2583, 4643, 5651, 7661
Scott, E. S. 3380
Scott, M. L. 6480
Scott, S. C. 3472
Scott, T. J. 3635
Scott, V. E. 5998
Scotti, R. 1340
Scowcroft, P. G. 691, 4085
Scriber, J. M. 5911
Scrinzi, G. 4886
Scrivani, J. A. 4227
Scrivener, B. A. 3268
Searle, S. D. 4695
Seastedt, T. R. 6925
Seavoy, R. E. 3191
Sebastiani, M. 2528
Šebík, L. 5603
Sederoff, R. 2335
Sederoff, R. R. 2337, 2339, 5228
Sedgley, M. 375, 2221, 5122, 5134
Sedlova, T. O. 2230
Sedykh, V. N. 6479
Seemann, S. 4237
Seemüller, E. 6521
Seethalakshmi, K. K. 718, 3490, 4699
Segman, B. 7770
Séguin, A. 2378
Sehgal, H. S. 5284, 8078
Seibert, B. 3474, 3786, 6049
Seidel, K. W. 5605, 5652, 5865
Seigler, D. S. 2275, 2942
Seiler, J. R. 2021, 3859, 4270

Sejal Worah 6593
Sekhwela, M. B. M. 8140
Sekiya, Y. 1350
Selby, C. 3379, 5554
Selim, M. A. 2891
Selkirk, D. R. 873
Selkirk, P. M. 873
Sell, J. 289, 1166, 1437
Sell, P. D. 941
Sellenschlo, U. 5915
Selva, A. 1547, 5062
Semel, B. 3112
Semeniuk, V. 391
Semevskaya, V. A. 7202
Sen, D. N. 2260
Sen, S. 81
Sen-Sarma, P. K. 7193, 8078
Sener, B. 6405
Sennerby-Forsse, L. 6125
Seo, J. B. 2665-2666
Seo, J. D. 1025, 1221
Seoane, E. 5075
Seong, I. K. 8174
Sepponen, P. 6080, 6461, 6472
Serajuddoula, M. 5632
Seroglazova, L. M. 7478
Serrano, G. 7601
Serrano, R. C. 5404, 6032
Serre-Bachet, F. 4019
Serreze, S. 3634
Sesink, B. A. 4696
Sethi, N. 6838
Sethi, R. P. 5069
Sethuraj, M. R. 4686
Setty, K. R. V. 5689
Seuna, P. 3168
Seuthé, C. 2077
Sevenet, T. 2933
Severson, K. E. 7283
Sevimsoy, M. 6268
Sevink, J. 5711
Seyedbagheri, K. A. 4596
Seymour, P. R. 6657
Seymour, R. S. 4024
Shaanker, R. U. 372, 5128
Shabana Jamal 4728
Shackleton, M. 7699
Shafi Uddin 7028
Shah, A. H. 896, 901, 905-907
Shah, D. R. 7404
Shah, S. A. 2549, 5416
Shah, T. 4592
Shah, Z. 7598
Shaheen Bano 7028
Shaheen Faizi 1498
Shahi, A. K. 6929
Shahid Rafique 7338
Shain, L. 2343, 2396, 3050, 7172
Shakya, R. 1863
Shamet, G. S. 1956-1957
Shamsuddin, K. M. 7843
Shamsuddin, T. 7843
Shamsutdinov, Z. Sh. 7112
Shankar, V. 1748, 6720
Shankaranarayana, K. H. 345, 1526, 2259, 7041
Shankarnarayan, K. A. 8109
Shankman, D. E. 5221
Shanks, C. W. 1294
Shao, J. X. 2978
Shaphir, N. 7251
Shapiro, M. 8089
Sharga, A. N. 708
Sharik, T. L. 1010, 2312, 5658
Sharitz, R. R. 5129
Sharma, A. K. 7121
Sharma, B. D. 1314, 1708, 8095
Sharma, B. M. 6943
Sharma, D. P. 3481
Sharma, H. C. 2906
Sharma, J. K. 3862-3863, 4429, 5263, 5267, 7995
Sharma, K. C. S. 2216
Sharma, M. C. 2341
Sharma, M. L. 2217
Sharma, O. S. 3691
Sharma, P. K. 1560, 5482
Sharma, R. 5421
Sharma, R. C. 1957
Sharma, R. M. 647
Sharma, R. P. 7027
Sharma, S. C. 4922, 7706
Sharma, S. D. 2301, 6716, 7689
Sharma, S. K. 2303, 6716
Sharma, U. 2213
Sharon, E. M. 1796
Sharp, D. J. 4087
Sharp, D. W. 2471
Sharp, M. J. 5838
Sharp, R. A. 6192
Sharpe, P. J. 6016
Sharpe, P. J. H. 6960
Sharrow, S. H. 1997
Shavnin, S. A. 7055
Shaw, C. G., III 5115, 5887, 8003
Shaw, D. L. 2506
Shaw, D. V. 3035
Shaw, R. H. 4901, 5783
Shay, J. M. 2115, 3597-3598
Shea, P. J. 6587
Shea, S. R. 5579
Shearer, C. A. 2174
Shearer, R. C. 7063
Sheedy, G. 90, 92, 6765, 7155
Shehaghilo, I. M. 6742
Shehata, M. S. 7487-7488
Sheikh, M. I. 2512
Shekhawat, N. S. 5480
Shelbourne, C. J. A. 3834
Shellnutt, H. E., Jr. 831
Shelton, H. M. 7348, 7732
Shelvey, J. D. 6948
Shemberg, M. A. 3255
Shen, B. K. 488
Shen, J. A. 4942
Shen, N. R. 2013
Shen, P. Y. 4870
Shen, S. Y. 6131
Shen, T. A. 645, 6197
Shen, X. H. 7971
Shen, X. Y. 4364
Shen, Y. Q. 2760
Shen, Z. B. 1505
Sheng, G. Y. 1461
Sheng, T. A. 1624
Sheng, T. C. 5395
Shepard, E. 4083
Shepard, J. P. 3612, 3635
Shepard, R. K. 85
Shepherd, G. 1758, 4539, 4650
Shepherd, G. J. 4390, 5182
Shepherd, R. F. 526, 2431, 4472
Sheppard, J. S. 58
Sheppard, L. J. 4955-4956
Sheppard, P. R. 2564
Shepperd, W. D. 5479, 5575
Sherieff, A. N. 2268
Sherry, T. W. 8100
Shetlar, D. J. 2022
Sheu, B. H. 87
Shi, F. Y. 488
Shi, G. S. 3036
Shi, J. S. 430, 3029
Shi, Q. T. 2641
Shi, Y. X. 6169
Shi, Z. L. 4089
Shi, Z. X. 5507
Shiba, Y. 7623
Shibaki, S. 5080
Shibano, H. 8111, 8116-8117
Shibata, S. 7520, 7648
Shieh, J. C. 164
Shige, H. 2917
Shih, K. H. 388
Shih, T. S. 7011
Shih, W. C. 53
Shiibayashi, T. 3509
Shikov, K. 2167
Shildiyal, J. C. 5183
Shillito, R. D. 7120
Shim, D. S. 136, 191, 2690
Shim, P. S. 2716
Shim, S. Y. 75, 641, 1610, 7965
Shimamura, E. 6370
Shimanskiĭ, P. S. 7540
Shimazaki, Y. 137
Shimazu, M. 3137
Shimizu, I. 2449, 8071
Shimizu, J. Y. 2615-2616, 3031, 3329
Shimizu, M. 3696, 7030-7031
Shimomura, H. 7010
Shin, B. S. 8068
Shin, H. C. 632
Shin, J. H. 3451
Shin, S. C. 521, 3914
Shingu, T. 1550
Shiobara, Y. 207
Shipman, R. D. 4145
Shirai, T. 2900
Shiraishi, N. 197
Shiraishi, S. 5234
Shiva, M. P. 346-347
Shivas, R. G. 8008
Shiver, B. D. 1835
Shogawa, H. 7031
Shopa, V. M. 7483
Shore, T. L. 3095, 6090, 6554
Short, R. E. 3155-3157, 3930
Shortle, W. C. 1638
Shoshin, V. I. 7311
Shoulders, E. 7156
Shparik, Yu. S. 8121
Shrestha, H. S. 7106
Shrestha, K. M. 7866
Shrestha, N. P. 707, 1322
Shrimpton, G. 3881
Shrimpton, G. M. 3406
Shrimpton, N. H. 1162
Shrivas, R. K. 7959
Shrivastava, K. 1490
Shrivastava, M. 1689
Shrivastava, M. B. 1689, 8151
Shroeder, H. W. 7366
Shu, Q. H. 2421
Shugart, H. H. 3288, 6473
Shukla, P. C. 7880
Shukla, V. K. S. 1496
Shukla, V. S. 7027
Shula, R. G. 6851
Shulzke, R. 7472
Shuttleworth, W. J. 5700
Shvitra, D. I. 7417
Shyamali Roy 2926
Si-Mohamed, C. 7809
Siaguru, P. 3428
Siahaya, J. 1358
Siarot, P. T. 1040
Sibanda, H. M. 7711
Sibbald, A. R. 8148
Sibindi, F. 3055
Siccama, T. G. 5743
Siddig, M. E. B. 4707
Siddiqi, N. A. 5563
Siddiqui, B. S. 1498, 3694, 5044-5045, 5049, 7845
Siddiqui, I. R. 5046
Siddiqui, S. 3694, 5044-5045, 5049, 7845
Sidhu, D. S. 1123, 7960
Sidiyasa, K. 2304, 3571, 3806, 7947
Sidorovich, E. A. 1602
Sidwell, C. M. 6022
Sieber, M. 7827
Sieber, T. N. 2362
Sieg, G. E. 4227
Siegel, B. Z. 1566
Siegel, S. M. 1566
Siegel, W. C. 604, 6116
Sieghardt, H. 817
Siegl, T. 4021
Sievänen, R. 21
Sievänen, T. 5428
Siewniak, M. 4157
Sigal, L. L. 3280
Sigmirean, G. 5570
Siirala, E. 5
Sijpesteijn, G. W. A. K. 5602
Šika, A. 4070
Sikorska, E. 2864
Sikura, A. I. 7253
Silcock, L. 4015
Silen, R. R. 5854
Silitonga, H. 1122
Silk, P. J. 2423, 3903, 8042
Silkstone, B. E. 6531
Silva, A. A. da 643
Silva, A. da 631, 3357-3358
Silva, A. M. da 2225
Silva, A. R. da 4449
Silva, D. de 1841
Silva, H. M. da 622, 1121
Silva, H. R. 789
Silva, J. A. A. da 4801
Silva, J. da 2318
Silva, M. S. da 1502, 5057, 7868
Silva, N. T. M. H. de 8146
Silva, S. 7714
Silva, W. D. da 2925
Silva, W. S. da 1440
Silva Filho, E. V. 4625
Silva Junior, M. C. da 3596
Silveira, J. C. da 1507, 5058
Silveira, R. A. 2784
Silveiro, E. R. 7865
Silvén-Garnert, E. 3293
Silvester, W. B. 360, 2130, 6766
Sim, M. E. P. 4729
Sima Sahare 5283
Simak, M. 1815, 4700, 6733
Simberloff, D. 4523
Simcox, D. E. 4217
Simionescu, A. 5954, 5973
Simmons, D. 7071
Simmons, G. L. 833, 2368, 3581
Simmons, I. G. 5167
Simões, J. W. 2639, 8122
Simon, E. 3741
Simon, J. 4185
Simone, F. de 3700, 7024
Simoneit, B. R. T. 3715, 6961
Simonet, P. 2370, 2379
Simonett, D. S. 3559
Simons, R. G. 2903
Simpson, B. J. 4532
Simpson, D. G. 93-94
Simpson, J. D. 5523
Sims, A. 4946
Sims, D. H. 1360
Şimşek, Y. 5530
Sinadskiĭ, Yu. V. 7202
Sinclair, F. L. 1162, 8148
Sinclair, W. A. 5118, 5904
Šindelář, J. 2350, 7972
Singer, R. 1404
Singh, A. 3691
Singh, A. K. 2637
Singh, A. P. 1928
Singh, B. 3692
Singh, B. G. 5150, 5177
Singh, B. P. 6739
Singh, D. V. 3966
Singh, G. 1751, 3957, 6028
Singh, J. 2114, 5046, 7943
Singh, J. P. 906
Singh, J. S. 246, 304, 424, 807, 1723, 6926
Singh, K. 3966, 6062, 6716
Singh, K. A. 5407
Singh, K. D. 7652
Singh, L. N. 1692
Singh, M. M. 1327
Singh, O. P. 7238
Singh, P. 4517-4518, 6618, 7143
Singh, P. P. 7599
Singh, R. 2737
Singh, R. K. 6838
Singh, R. P. 2048, 2608, 2737, 3510, 4859, 5408, 7903, 8160
Singh, R. S. 5186
Singh, R. V. 2637
Singh, S. 3864
Singh, S. B. 2114, 6971
Singh, S. L. 161, 5781
Singh, S. P. 304, 423-424, 2048, 2134, 2234, 3510, 3816, 4709, 4859, 5186, 5198, 6926, 7604, 7652
Singh, S. S. 1908
Singh, T. 5647
Singh, U. N. 241
Singh, V. P. 907, 1723, 7017

Singhal, R. M. 2301, 6716
Singhroy, V. H. 5687
Sinha, N. K. 1460
Siniscalco, C. 1245
Sinn, G. 236
Sinsabaugh, R. L. 7709
Sinyaev, N. V. 2066
Sionit, N. 5090
Siqueira, A. C. M. de F. 616, 620, 878, 1035-1039
Siqueira, A. C. M. F. 616, 878, 1035-1039, 3358
Sircar, J. 5361
Siregar, C. A. 116, 559, 1989, 3446, 7567-7568
Sirén, M. 4796
Sirin, A. A. 1
Şirlak, U. 5608
Širois, L. 6371
Sirotkin, Yu. D. 7688
Siswanto, B. E. 1971-1972, 2044, 7616, 7660
Sitaramaiah, S. 2906
Sitaubi, L. A. 7726
Sitbon, F. 7848
Sivagnanasunderam Surendrakumar 1516
Sivagnanasundram Surendrakumar 1516
Sivak, B. 7090
Siwecki, R. 7398
Sizemskaya, M. L. 7313
Sjøholt, P. 7442
Sjøvold, A. 1480
Skakel, S. 6261
Skaltsounis, A. L. 2902
Skatulla, U. 4468
Skeate, S. T. 4394
Skeates, D. A. 1897, 1948, 6153, 6745
Skeffington, R. A. 3609
Skidmore, A. K. 4311
Skinner, D. 5432
Skinner, D. N. 1136
Skinner, M. F. 803
Skinner, T. M. 40
Skolmen, R. G. 57, 2653, 4371
Skorupa, J. P. 6602
Skov, F. 942
Skove, D. J. 4872
Skre, O. 1229-1230
Skrzypczyńska, M. 3069
Skuhravý, V. 4498
Skvortsova, I. N. 491
Skwiercz, A. T. 8072
Skzrypczyńska, M. 6530
Slade, D. 6139
Slagle, R. 743
Šlapokas, T. 3523, 6350
Slatyer, R. O. 910
Slaughter, G. W. 8017
Slauson, W. L. 5836
Slawin, A. M. Z. 2904
Slepykh, V. V. 2176
Śliwa, E. 7183, 7268
Sloan, J. 4123
Sloan, J. P. 3412, 6218
Slodičák, M. 4150
Sluder, E. R. 1056
Sluis, W. G. van der 7841
Slycken, J. van 6340
Smale, M. C. 6783, 6863, 7920
Smale, P. J. 6805
Smaling, E. M. A. 1375
Small, J. G. C. 6419
Small, M. F. 7285
Small, T. W. 7687
Smalley, E. B. 5276
Smeerdijk, D. G. van 4383
Smeins, F. E. 5470
Šmelko, Š. 5638
Šmelková, L. 5539
Smethurst, P. J. 4623, 4789
Smiley, E. T. 5435, 7368
Smit, G. N. 6846
Smit, H. P. 244-245
Smith, A. E. 3796
Smith, A. P. 2315, 4897
Smith, B. R. 6927
Smith, C. F. 6691
Smith, C. R. 126, 6222
Smith, C. T. 5589-5590
Smith, D. 4849
Smith, D. L. O. 3580
Smith, D. M. S. 5209
Smith, E. L. 2455, 3101, 3285, 4313
Smith, E. M. 1271, 3240-3241, 6897-6899
Smith, F. W. 1354, 4389
Smith, G. P. 3833
Smith, H. A. 6368
Smith, I. W. 7162
Smith, J. H. G. 5612
Smith, J. L. 4227
Smith, J. M. B. 7062
Smith, M. A. L. 3376
Smith, M. S. 7937
Smith, M. T. 2205, 4091
Smith, R. B. 1707, 3526, 6072, 6965
Smith, R. C. 6811
Smith, R. F. 3048
Smith, R. H. 1679, 2914, 4939
Smith, R. I. 1458, 4955-4956
Smith, R. M. 375, 5122
Smith, R. S. 3888
Smith, S. M. 4032, 6545
Smith, T. F. 1657
Smith, T. J., III 984, 2270, 4363
Smith, T. M. 3288
Smith, W. B. 1370, 4876
Smith, W. D. 1355
Smith, W. H. 1425, 5743
Smith, W. K. 2787
Smolander, A. 1626-1627, 5883
Smolander, H. 2657, 4318
Smolyak, L. P. 7921
Smolyaninov, I. I. 815
Smol'yanov, A. S. 2743
Smyth, J. H. 6788
Smythe, N. 5127
Snajberk, K. 3736
Snellgrove, T. A. 5609-5610, 6242
Sneyers, H. 114
Snider, E. H. 7448
Sniezko, R. A. 5233, 5532
Snyckers, F. O. 903
Sobocký, E. 5804
Sobolewska, K. 2623
Socarras, O. 7849
Soctomah, D. G. 1576
Söderström, B. 3857
Soedibyo, M. 2948
Soehardjan, M. 5980
Soejarto, D. D. 7036
Soemarna, K. 733, 1971-1973, 2043, 3506, 7660
Soetens, P. 3066
Soeyatman, H. C. 7946
Soffer, H. 1237
Soh, W. Y. 7822
Sohn, S. I. 331
Sokol, P. 4216
Sokolovskiĭ, I. V. 7624
Sokołowski, A. 7267
Sokolowski, R. E. 2347
Solanki, K. R. 5863
Solarska, J. 1698
Solarski, H. 1698
Soldatini, G. F. 3576
Solel, Z. 5895
Solheim, H. 1639
Sollart, K. M. 104
Sollins, P. 5271
Solomon, D. S. 5619, 5654
Solomon, J. D. 1654, 2420, 3902
Solomon Islands, Forestry Division 3870
Soltes, E. J. 2121, 7723, 8011
Solymos, R. 4652
Somalia, National Range Agency 2493, 2603, 6079, 6691, 6703
Somalia, National Range Agency, Central Rangelands Development Project, Extension Section 2517-2518
Somalia, United Nations Sudano Sahelian Office 6692
Somalia, World Concern, Somalia Project Office 3198
Somarriba, E. 3990, 7336
Somarriba, E. J. 3990, 7336
Somaru, R. 5247
Somboon, K. 6735
Some, L. M. 6706, 6726, 7233
Somen, C. K. 718, 4699
Someya, M. 3703
Sommer, B. A. 6648
Sommer, G. 1315
Sommer, R. 6648
Sommers, R. A. 5322
Somogyi, Z. 5666
Son, S. H. 7509
Sondengam, B. L. 1557, 2893, 3693, 3714, 5063, 7015, 7025
Sonderman, D. L. 5607
Sone, K. 514, 1676, 2444
Song, M. J. 6734
Song, S. H. 4512
Song, X. H. 378
Song, Y. M. 6795
Song, Z. M. 5377
Soni, K. K. 7999
Soni, P. 4704
Sood, O. P. 4703
Soper, D. 3215
Sopper, W. E. 1716
Sorensson, C. 6326
Sorensson, C. T. 5975, 6136, 6444
Sorg, C. F. 5356
Sorg, J. P. 6383, 7451
Soria, S. 1069, 1082-1083, 7258
Sorokin, N. D. 2175
Sosa, V. 6695
Soshnina, V. P. 2076
Sosnowski, J. 2699
Sossountzov, L. 3744
Sota, T. 3892
Sotheeswaran, S. 7878
Sotta, B. 3744
Sougoufara, B. 2372
Soukup, F. 4434
Soulères, G. 4931
Soung, K. L. 445
Sousa, F. B. de 6186
Sousa, J. R. de 1522
Soutar, R. G. 3171
Souter, R. A. 138
South, D. B. 2014, 2656, 3432, 4087, 4114, 4356, 4764
Southwell, C. J. 6594
Southwell, I. A. 4332
Southwood, T. R. E. 4457
Souvannavong, O. 6388
Souza, E. de 1522
Souza, M. P. 7854
Souza, W. J. M. de 3508
Souza, W. M. de 3514
Sower, L. L. 2424, 3100
Sowiński, J. 5587-5588
Spaans, E. J. A. 7785
Spackman, W. 4343
Spadinger, K. 7769
Spaine, P. C. 1916, 3876
Spalinger, D. E. 5363
Spanu, P. 456
Sparapano, L. 2394
Spatzier, B. 6253
Spavold-Tims, J. 3637
Specht, A. 3017-3018
Specht, R. L. 3017-3018, 7005
Speight, M. C. D. 1788
Speight, M. R. 3082, 4582, 6550
Spektor, M. R. 7195
Spelsberg, G. 5679, 7898
Spence, R. D. 6960
Spencer, R. D. 3553
Sperber, H. L. von 5692
Sperry, J. S. 2822-2823, 5729
Spethmann, W. 644
Spicer, K. W. 315
Spicer, N. 1157
Spichiger, R. 6459
Spiecker, H. 7581
Spiecker, M. 7581
Spiers, A. G. 3877-3878
Spies, T. A. 5713
Spirin, D. A. 2140
Spiteller, M. 4301
Sprague, K. 7341
Sprent, J. I. 7127, 7733
Spring, S. H. 3812
Sprugel, D. G. 17
Sprute, F. J. 4204
Spurr, E. B. 7290
Squire, R. O. 2912, 4153, 6940
Srimathi, R. A. 7491
Srinivasan, V. M. 5393
Srisataporn, P. 3743
Sriskandarajah, N. 5628
Srivastava, A. K. 2189, 2208, 4547
Srivastava, G. N. 2208
Srivastava, M. M. 5183
Srivastava, P. B. L. 642
Srivastava, P. S. 4734
Srivastava, R. B. L. 2189
Srivastava, S. D. 1528
Srivastava, S. K. 350-351, 1528
Srivastava, U. C. 317
Srivastava, V. K. 5689
Staba, E. J. 1926
Stabel, P. 3837
Stachelberger, H. 3712
Stack, R. W. 5431
Stackebrandt, E. 1830
Staden, J. van 2205, 4091
Stadnitskiĭ, G. V. 4506
Stadtmüller, T. 7537
Staeger, C. 4912
Stafford, S. 743
Stage, A. R. 5677, 6871, 8003
Stagl, W. G. 602
Stagnitti, F. 3165
Stahl, R. 4510
Stahle, D. W. 8184
Stahr, K. 3632, 5731, 6764
Staigmiller, R. B. 3156
Staines, B. W. 1097
Stambaugh, W. J. 5894
Stamen, T. 6912
Stamou, G. P. 7716
Standish, J. T. 5201
Standley, L. J. 6961
Staněk, T. 2292
Stanek, W. 4767
Stanibuła, S. 2699
Stanley, C. J. 4252, 4254
Stansfield, S. K. 2600
Stanton, B. J. 5244
Stape, J. L. 659, 667, 712-713, 4179
Stapleton, C. M. A. 500, 2030
Starck, J. 4063
Stark, N. 1421
Stark, R. W. 1152, 7273
Starostina, K. F. 3814
Starzyk, J. R. 3122
Stassart, J. M. 2139
Staszkiewicz, J. 936, 2354
Staubach, M. C. 6173
Staudt, F. J. 3970, 4013
Stauffer, A. 222
Stauffer, D. F. 8098
Staver, C. 1734, 3206
Stawecka, W. 6715
Stechman, D. H. 5923
Steege, H. ter 3020
Steele, D. B. 2373
Steele, M. J. 5015, 5801
Steele, R. 5193, 5212, 5842
Steele, S. 6191
Steen, E. 4777
Steenackers, M. 1645
Steenackers, V. 889
Štefančík, L. 5600
Stefani, A. 872
Steffen, K. L. 3376
Steffenson, J. R. 4228
Stein, A. 4742-4743

Stein, J. 6909
Stein, J. A. 2090, 3226, 7421
Stein, J. D. 691, 8084
Stein, J. L. 3223
Stein, M. L. 7024
Steinbach, J. 1165
Steinbeck, R. 5079
Steinberg, S. 4025
Steinecke, H. J. 5545
Steiner, F. 1779, 4598
Steiner, J. 1433
Steiner, K. C. 6199, 6503
Steinheber, T. 1110
Steinhoff, R. J. 1886
Steinhübel, G. 4414
Steinke, T. D. 2367, 4909, 5247
Stellingwerf, D. A. 7658
Stelzer, M. J. 3927
Stenback, J. M. 4526
Stenlid, J. 5270
Stenseth, N. C. 5913
Stephan, B. R. 6376
Stephan, G. 1321, 3480
Stephen, A. M. 1509
Stephen, F. M. 5275, 5289
Stephenson, G. R. 1995
Štěrba, S. 7718
Sterling, P. H. 1064, 6550
Stermitz, F. 3697
Stermitz, F. R. 1548
Stern, R. C. 4165
Stern, W. L. 329
Sternberg, L. 6526
Sternberg, L. da S. L. O'R. 5715
Sterrett, J. P. 7049
Stettler, R. F. 2326
Steudler, P. 837
Steudler, P. A. 2797
Steven, D. de 1967
Stevens, G. C. 4361
Stevens, G. L. 8099
Stevens, L. 7240
Stevens, N. A. 6975
Stevens, W. C. 15
Stevenson, D. W. 943
Stevenson, G. G. 4679
Steward, G. A. 6783
Stewart, G. H. 963, 3422
Stewart, H. 212
Stewart, H. T. L. 4143
Stewart, J. 4650
Stewart, P. R. 1310
Stewart, W. P. 6637
Steyn, C. B. 1509
Steyn, E. M. A. 5126
Steynberg, J. P. 7875
Sthanusubramania Neelakantan 1532
Stibe, L. 2162
Stiell, W. M. 146, 5816
Stienen, H. 7340, 7464
Stierlin, H. R. 6432
Stiff, C. T. 4850
Stiff, I. A. 4332
Stigter, C. J. 4013, 8137
Stillman, J. I. 6420
Stimart, D. P. 2825
Stipe, L. 2458
Stipe, L. E. 6587
Stipes, R. J. 5119, 6590
Stiptsov, V. 3471
Stitch, T. A. 6571
Stjernberg, E. I. 154
Stoakley, J. T. 1068, 1686, 8044
Stockel, J. 7205
Stöcker, G. 6956
Stockey, R. A. 7811
Stocking, M. 7395
Stocks, A. 6020
Stockton, L. L. 6522
Stoddart, J. A. 2270, 4624
Stodola, A. J. W. 5720
Stoehr, M. U. 4693
Støen, M. 4504
Stogsdill, W. R., Jr. 3459
Stohlgren, T. J. 2109-2110
Stoiculescu, C. D. 1742, 5704
Stoikov, Kh. 2167
Stojanov, D. 8157
Stoll, E. 2141
Stolp, J. A. N. 2594
Stolz, P. 6107
Stomp, A. M. 2335
Stone, C. P. 6659
Stone, D. 4651
Stone, D. B. 6659
Stone, D. M. 4038
Stone, J. K. 5287
Stone, M. J. 3708
Stork, N. 5571
Stork, N. E. 2409
Storm, C. 7890
Stoszek, K. J. 1661
Stout, S. A. 4343
Stowers, M. D. 2373
Stoyanov, I. 2402-2403
Stoyanova, N. 3471
Strachen, W. 2844
Strack, D. 2930, 5055, 7045
Strader, R. H. 1402
Strahler, A. H. 394
Strain, B. R. 2255, 5090
Strait, R. A. 7097
Straka, T. J. 1385
Stranzky, N. 4284
Stratmann, J. 2614
Straubinger, F. 2692
Strauch, D. 1262
Strauss, C. H. 6206
Strauss, D. 7792
Strauss, S. 2459
Strauss, S. Y. 6001
Streble, H. 564
Strehl, T. 4969
Strehlke, B. 1196
Streletzki, H. W. 1426, 5808
Streng, D. R. 7953
Strickland, T. C. 6917
Striegler, H. 1312, 4154
Stringer, J. W. 1950
Stringfield, D. A. 6190
Strobeck, C. 2352
Stroempl, G. 6817
Strømnes, R. 693
Strong, D. R. 4523
Strothmann, S. 7541
Strouts, R. G. 1055, 1057
Struckmeyer, K. 4598
Struhsaker, T. T. 5105
Strullu, D. G. 1043
Struve, D. K. 2645-2646, 4111, 6643, 7376
Strzelczyk, E. 6933
Stuart, L. D. 3155, 3157
Stuart-Hill, G. C. 1006
Stubblebine, W. H. 5182
Stubbs, H. A. 8017
Stüber, H. 6253
Stuhlinger, H. C. 1921
Stumpf, K. 2816
Stür, W. W. 1318
Sturges, F. W. 8100
Sturhan, D. 5327
Sturion, J. A. 2853
Sturm, K. 1131
Sturmheit, P. 7337
Sturrock, J. W. 2498, 6714
Sturrock, R. N. 3406, 3409
Stutchbury, P. A. 1893
Stutz de Ortega, L. 6459
Su, C. Y. 6471
Su, D. D. 7123
Su, H. J. 2989-2991, 6471
Su, K. J. 5268
Suah, J. R. R. 1772
Suárez, S. 4821
Suarna, M. 1745
Subhedar, R. P. 6446
Subiakto, A. 2351
Subramaniam, P. 2374
Subramaniam, V. 802
Subramaniam Sotheeswaran 1516
Subramanian, K. N. 5150, 5177
Subramanyam, M. 2906
Subramony, G. 1558
Sucoff, E. 1603
Sucoff, E. I. 3599
Suda, M. 3049, 6100, 6103
Sudarmadji, D. 7256
Sudarsanam, G. 6842
Sudheendrakumar, V. V. 7204
Sudhendu Mandal 1328, 2033
Sudjadi, M. 2609
Sudo, S. 6999
Sudradjat 3375
Sudrajat 3332
Suga, T. 2900, 7844
Sugahara, T. 113
Sugano, A. I. 3830
Sugawara, I. 355
Sugiharti 6728
Sugiyama, J. 312
Sugiyama, T. 2963
Suh, S. R. 2584
Suhaendi, H. 1955, 1961
Suharti, M. 362, 3663
Suiter Filho, W. 5722
Sujan Singh 3864
Sukandi, T. 559, 1989
Sukanten, W. 1745
Sukardi, I. 2025-2027, 2218
Sukardjo, S. 747, 3675
Sukhanov, V. V. 6285
Sukhoi, I. B. 5851
Sukhovol'skii, V. G. 3891
Sulli, M. 576
Sullivan, A. D. 1333, 1357
Sullivan, D. S. 1291
Sullivan, T. P. 1291, 3263, 4521
Sulong, I. 773
Sultana, A. 7879
Sultana, N. 2906
Sultanbawa, M. U. S. 1516, 2895
Suman Suri 346
Sumantri, I. 2085, 4537
Sumarna, K. 2044
Sumarna, Y. 2306, 3659
Sumarua, E. 4341
Sumil Kumar 2122, 2387
Sumizono, T. 271
Summers, D. 3148
Sumser, M. 7390
Sun, C. 911
Sun, C. C. 625
Sun, C. Z. 311
Sun, D. W. 1544, 1559
Sun, G. C. 4350
Sun, G. Q. 3559
Sun, J. 7163
Sun, J. C. 3098
Sun, L. 4574
Sun, M. Q. 2626
Sun, O. 6268
Sun, R. W. 4753
Sun, S. S. 650
Sun, T. R. 754
Sun, T. Y. 379
Sunarti, S. 2555
Sundaram, A. 5969, 8088
Sundaram, K. 528
Sundaram, K. M. S. 529-530, 1678, 3928, 5969, 7262
Sundaram, S. 8019
Sundberg, M. 6737
Sunder, S. S. 4810
Sundheim, R. 5437
Sundman, V. 1626-1627
Sundram, J. 7993
Sundriyal, R. C. 3015
Sung, J. H. 3919
Sung, K. C. 208
Sung, S. J. S. 6421
Sunil Puri 7508
Sunita Jain 3719
Sunita Prasad 8147
Suniti Misra 1562
Suparto, R. S. 4302
Supriana, N. 1272, 1287, 1452, 1598, 1647, 2384, 2404
Supuka, J. 6639
Sur, K. 4711
Surendrakumar, S. 2895
Surendran, T. 718
Suresh, P. V. 2268
Suresh Chandra 7837
Suresh Kumar 8109
Suri, R. K. 346-347
Suriamihardja, S. 3658
Suriamiharja, S. 2029
Surovec, D. 5944
Sushil Kumar 5310, 5343
Sushila Rai 4333
Suski, Z. 4157
Süss, H. 5782
Süsser, P. 6915
Sutherland, B. J. 4814, 6800
Sutherland, E. K. 570
Sutherland, G. D. 8003
Sutherland, J. M. 7127, 7733
Sutherland, J. R. 472, 3406, 3409, 3881
Sutigno, P. 2664
Sutinen, S. 4970
Sutisna, U. 7946
Sutiyono 2025-2027, 2218, 3487, 7529
Sutomo, S. 721, 2278, 2294, 3571, 3785, 7536, 7824, 7946
Sutton, B. C. S. 84, 4720
Sutton, R. F. 6789
Suyama, Y. 6786
Suzaki, T. 6338
Suzan Azpiri, H. 7938
Suzuki, E. 3818
Suzuki, K. 1632, 2448, 6577, 8010, 8071
Suzuki, M. 291, 322, 1705, 4858, 7623, 7721, 7929
Suzuki, S. 3696, 7623
Suzuki, T. 233, 2829, 5005
Suzuki, W. 216
Suzuki, Y. 7422, 7642
Švarc, J. 4199
Svensmark, B. 2099
Svenson, G. A. 4945
Svensson, S. A. 2008, 2741, 2756
Svihra, P. 3893
Svitok, R. 4316
Swain, L. A. 1575
Swank, W. G. 2474
Swank, W. T. 2861, 6917
Swanson, M. C. 1554
Swanson, R. H. 550
Swanston, D. N. 4871
Swanzy, J. D. 748
Swarupanandan, K. 892
Sweden, Lantbruksekonomiska Samarbetsnämndens Rationaliseringsgrupp 2530
Swedenborg, P. D. 4486, 7201
Sweeney, J. M. 4524, 7098
Sweet, W. J. 1164
Swenson, W. K. 1545, 2897
Swetnam, T. W. 570, 2566
Swirski, E. 7192
Switsur, V. R. 5838
Switzerland, Office Fédéral de l'Agriculture 7154
Switzerland, Schweizerischer Fremdenverkehrsverband 4003
Sy, M. U. 3488
Syahnan 1287
Syamsuwida, D. 1909
Syarifuddin, A. K. 2533
Sydnor, T. D. 7376
Sykes, J. M. 863
Symes, M. 3295
Symonides, E. 961
Synnott, T. 1813
Synnott, T. J. 7438
Szabó, M. 3294
Szaro, R. C. 5997
Szczupak, J. 6777
Szendrei, K. 7016
Szigeti, Z. 2951
Szmidt, A. 7266
Szmidt, A. E. 3027
Szpojda, A. 8021
Szpotański, T. 6933
Szujecki, A. 3547
Szwagrzyk, J. 3007
Szymański, S. 2988
Szyszko, J. 2410

Taavitsainen, V. M. 2795
Tabacchi, G. 731, 4632
Tabanez, M. F. 1132
Tabbush, P. M. 658
Tabor, R. C. C. 1282
Tachibana, K. 7245
Tacio, H. D. 5405
Tacon, F. le 462, 1625
Tadaki, Y. 6679
Taesotikul, T. 7598
Tagana, R. M. 3351
Tagil'tsev, Yu. G. 2704
Tahara, S. 5080
Tahir, A. 2533
Tahvanainen, J. 3706, 6574
Tainter, F. H. 1634, 7164
Tainton, N. M. 1006, 5989
Tait, D. E. 2735, 4635
Tak, W. S. 1021
Takabe, K. 310
Takabe, T. 2953
Takahashi, A. M. 7834
Takahashi, K. 373
Takahashi, M. 629
Takahashi, T. 1107
Takahasi, Y. 2485
Takahata, K. 725
Takai, M. 7030
Takaso, T. 6401
Takata, K. 727, 1801-1802, 6850, 7631
Takayanagi, A. 540, 8105
Takeda, H. 1410, 7703
Takeda, T. 7030
Takemoto, B. 2160
Takemoto, B. K. 832
Takenaka, A. 3791
Takeoka, M. 4359
Takeshita, K. 6306
Takeuchi, K. 290, 7783
Takeuchi, M. 48, 155, 157, 397, 1316, 7584, 7925
Takeya, K. 3699
Takikawa, Y. 7166
Takimoto, Y. 46, 48, 155, 157, 1316, 7584
Talapatra, S. K. 7866
Talin, J. 7177
Talpada, P. M. 7880
Tamai, M. 3703
Tamai, S. 399, 1601
Tamm, C. O. 3624
Tamm, Yu. A. 7116
Tampubolon, A. P. 1974
Tan, B. Q. 342
Tan, J. 5787
Tan, K. C. 853
Tan, K. P. 202
Tan, S. B. 478
Tan, S. S. 5268
Tan, T. K. 3589
Tan, X. F. 22
Tan, Z. Y. 7406
Tanaami, S. 7031
Tanaka, H. 2921, 2944, 3730, 7857
Tanaka, K. 1102
Tanaka, N. 414-415, 2280, 3708, 7644
Tanaka, T. 7861
Tandon, J. S. 7023
Tandon, V. N. 2060, 6280
Tandy, N. E. 2955
Taneda, K. 264, 5792
Taneja, K. D. 2173, 6029
Taneja, S. C. 3698
Tang, K. J. 190
Tang, R. N. 2547
Tang, S. Z. 34
Tang, X. L. 2547
Tang, Z. C. 6469
Tang, Z. Y. 2015
Tange, T. 2488, 4858, 7623
Tangketasik, J. 5533
Tani, A. 638
Tani, M. 1104
Taniguchi, N. 397
Tanino, K. K. 2949
Tansey, J. B. 210, 6888
Tantalén, A. 3064
Tantisewie, B. 1491, 3721
Tanton, M. T. 5352
Tantra, M. 3807
Tantzen, E. 1235
Tanzania, Amani Forest Inventory and Management Plan Project 1362, 1372
Tao, A. H. 7310
Tao, G. D. 1488
Tao, H. L. 3036
Taper, M. L. 5958
Tappeiner, J. C., II 3021
Tarafdar, J. C. 5251
Taran, N. D. 7771
Tarasiuk, S. 7672
Tarasova, O. V. 3891
Tariq Mahmood 1498
Tarko, G. 3007
Tate, B. F. 2913
Tate, R. 7364
Tatsuhara, S. 7566
Tatsumoto, K. 3739
Tatsuno, T. 1630
Tattar, T. A. 3252
Tauchnitz, H. 3279
Tauer, C. G. 3835, 5528
Taurereko, R. 3428
Tauri, L. 624
Tavella, L. 6534
Tawata, S. 6426, 6485
Tay, F. C. S. 2193
Taylor, A. H. 4403
Taylor, C. M. A. 7516
Taylor, D. A. H. 7873
Taylor, D. B. 2535
Taylor, D. H. 7175
Taylor, E. E. 7246
Taylor, G. 4275, 5085
Taylor, G. E. 3631
Taylor, G. E., Jr. 2846
Taylor, J. G. 2868
Taylor, R. 1638
Taylor, R. D. 1271, 3240-3241, 6897-6899
Taylor, R. J. 6595
Tchibinda-Pemo, G. A. 7350
Tchié, N. à 2867
Tchouankeu, J. C. 5063
Teague, W. R. 2870, 3485, 8091
Teclaw, R. M. 2624
Tedder, P. L. 5669
Tedeschi, P. 2335
Teichman, I. von 2875, 5018
Teillet, P. M. 214
Teissier du Cros, E. 4606
Teixeira, E. P. 3905
Teixeira, L. L. 1463
Teleshek, Yu. K. 7542
Telewski, F. W. 306
Tempesta, M. S. 7840
Temple, P. J. 2144
Templin, I. 4510
Temu, R. P. C. 3783
Tendel, J. 4568
Tenhunen, J. D. 4033-4034, 5478
Teplitz-Sembitzky, W. 2774
Tepper, H. B. 3599
Ter-Gazaryan, K. A. 6210
Ter-Mikaèlyan, M. T. 6479
Terakawa, H. 46, 48, 155, 157
Terasaki, Y. 1674
Terasmaa, T. 6760
Tereshkovich, G. 6699
Terhivuo, J. 7717
Terletskiĭ, V. K. 5623
Terlinden, M. 695
Tesař, V. 4188
Tesařová, J. 7606
Tesch, S. 6253
Tesche, M. 1175, 2952, 5456
Teskey, A. G. 273
Teterová, I. 4454
Teulières, C. 6907
Tew, T. 6847
Tewari, C. K. 6518
Tewari, J. C. 1314, 2134
Teyegaga, A. 7160
Thailand, Faculty of Forestry, Kasetsart University 5505
Thakur, M. I. 5343
Thakur, M. L. 8024, 8078
Thakur, R. S. 3692
Tham, Å. 2006, 2041, 2064
Thaman, R. R. 3991
Thampi, C. J. 2520
Thapa, H. B. 1976, 2053
Thapa, V. S. 6145
Thapar, H. S. 1908
Thapliyal, P. 1233
Thapliyal, R. C. 1903, 5378
Thatcher, R. H. 3412
Thatiparthi, B. R. 6436
Theagarajan, K. S. 2245
Thelin, A. 4177
Theobald, W. L. 6654
Theoduloz, C. 4182
Thibault, J. R. 4786-4787
Thiebaut, B. 1033
Thiel, J. 7807
Thiel, W. 7458, 7471
Thiele, W. 5999
Thielges, B. A. 8016
Thier, R. W. 4472, 8081
Thihatmer, J. 6177
Thill, R. E. 653, 5470
Thirgood, J. V. 4047
Thirgood, S. J. 1097
Thistle, H. W. 4898
Thivolle-Cazat, A. 56, 6236
Tho, Y. P. 5927
Thode, P. J. 3544
Thoen, D. 5882
Thoma, H. 4951
Thomann, D. 4137
Thomas, A. le 2882
Thomas, C. E. 745, 755
Thomas, D. W. 958, 7856
Thomas, G. P. 7599
Thomas, K. A. 1943
Thomas, S. 7628
Thomas, T. B. 5713
Thomas, T. H. 6054, 8139
Thomas, T. P. 3533
Thomas, W. P. 6656
Thomasius, H. 4154, 7677
Thomassin, P. J. 39
Thompson, D. A. 1827
Thompson, F. R., III 1096
Thompson, I. 1863, 5676
Thompson, J. 4365-4366, 5510
Thompson, M. A. 570
Thompson, M. B. 5345
Thompson, S. 3290
Thomsen, J. 4503
Thomson, A. J. 3400, 5953
Thomson, G. 5884
Thomson, G. W. 4230
Thomson, L. A. J. 6147-6148
Thomson, M. J. 7181
Thomson, R. H. 1560
Thomson, R. N. 542
Thorn, A. J. 6945
Thornburgh, D. A. 5185
Thornton, F. C. 3599
Thoroe, C. 6622
Thorp, J. H. 2799
Thorpe, J. P. 5195
Thorpe, T. A. 1612, 1918, 3607, 4736, 6160, 7056
Threlfall, D. R. 7499
Thurow, T. L. 3158
Thurston, G. S. 525
Thurtell, G. W. 4957
Thwaites, R. N. 4887
Tian, R. C. 549
Tian, X. Q. 2754
Tian, Y. L. 4078
Tiao, L. 2461
Tiberi, R. 6548, 8083
Ticehurst, M. 5335
Tiedje, J. M. 801
Tien, L. V. 1321, 3480
Tifssen, H. 6973
Tih, A. E. 1557
Tih, R. G. 1557, 3714, 7015
Tihanyi, Z. 1946, 1993
Tiihonen, P. 6302
Tiku, A. K. 4823
Tilghman, N. G. 1089
Till, C. 4576
Till, I. 3838
Tillberg, E. 3742
Tillequin, F. 2902
Tilney, P. M. 6447
Timbrook, J. 6830
Timm, R. M. 2508
Timmer, V. R. 3416
Timoni, J. L. 620-621, 651, 724, 826
Tingey, D. T. 885, 3641
Tinker, J. 1841
Tinus, R. W. 660, 1833, 2941
Tippett, J. T. 5273
Tira, S. 4335
Tirath Gupta 8166
Tisdell, C. A. 8146
Tisseverasinghe, K. 3428
Tissot, M. 7582
Tissut, M. 2227
Titovšek, J. 5318
Titus, F. A. 6529
Titus, S. J. 4646, 4947
Tiwari, D. P. 6836
Tiwari, M. 423
Tiwari, R. K. 5284
Tjepkema, J. D. 2256-2257
Tjosvold, S. A. 2390, 5293
Tkach, V. P. 7771
Tkachenko, B. V. 7534
Toan, T. le 4248
Tobe, H. 7916
Tocci, A. 4827
Todd, A. C. 5598
Todd, R. L. 6970
Todorović, R. R. 4178
Toet, H. 2008, 2756
Togashi, K. 8050
Tohyama, M. 319
Toia, R. F. 5067, 7846
Toit, A. P. du 3918
Toit, J. J. du 8092
Tokár, F. 2056, 4198, 4200, 6127
Tokarev, A. D. 552
Tokimitsu, Y. 898
Tokuoka, M. 4272
Toky, O. P. 2199, 3211-3212
Toledo, P. E. de N. 778
Toledo Filho, D. V. de 618-619, 623, 3334, 3514, 3840, 4008
Toliver, J. R. 1921, 2678
Toma, R. 4192
Toma, S. M. 7948
Tomalak, M. 7232
Tomanová, S. 4964
Tomascheski, J. H. 111
Tomasson, T. 7980
Tomazello Filho, M. 7820
Tombaugh, L. 1852
Tombleson, J. D. 6013-6015
Tomboc, C. C. 106
Tomczyk, A. 5965
Tome de la Vega, F. 1082
Tomer, P. S. 5515
Tomiczek, C. 2447
Tomkins, I. B. 2912
Tomkins, J. 6021
Tomková, E. 4414
Tomlin, A. D. 4268
Tomlinson, G. H. 3611
Tomlinson, P. B. 6401
Tømmerås, B. Å. 4482, 8064
Tompa, K. 1946, 1993
Tompkins, C. 5243
Tompkins, S. 1814
Tomppo, E. 2078
Tompsett, P. B. 5542, 6736
Toner, A. E. 4908
Tong, S. Q. 5827
Tong, S. Z. 183
Tong, X. W. 6546
Tongacan, A. L. 4180
Tonin, G. S. 6944
Topp, W. 7230
Toprak, M. 2934
Torbert, J. L. 2651, 7319
Torii, A. 401
Tormala, T. 1052
Toro, M. 3978
Török, G. 8097
Torquato, M. C. 740, 3565

Torrenegra, R. 5059
Torres-Uriarte, M. G. 3531
Torrey, J. G. 1629, 2324, 2376-2377, 5255
Torvela, H. 4282
Tosh, J. 6457
Tosi, V. 4886, 5426
Tostain, O. 7795
Tóth, G. 5524
Tóth, J. 5907, 6154, 6433
Tóthmérész, B. 844
Totman, C. 4583
Totté, J. 7026
Touber, L. 1375
Tournon, J. 7601
Toussaint, A. 4841
Towers, G. H. N. 1564, 7020
Towers, W. 1724
Townsend, A. M. 5324
Toyoshima, J. 7644
Trabaud, L. 301
Tracey, A. S. 5061, 7860
Trafela, E. 4976
Tranfaglia, A. 3139
Tranter, J. D. 4542
Trappe, J. M. 2380, 2382
Trauboth, V. 4513
Travan, J. 3889, 3924
Travlos, C. B. 4526
Treacy, J. M. 5453
Treacy, M. 2539
Treat, W. J. 7723
Trees and Natural Resources 8123
Trefz-Malcher, G. 1261
Tremblay, E. 8025
Tremblay, F. M. 4741
Trenbath, B. R. 4636
Trettin, C. C. 9
Treutter, D. 5790, 6422
Trevisol Júnior, T. L. 740
Tricco, P. 68
Trigiano, R. N. 6644
Triguero, N. 8055
Trindade, M. de L. B. 774, 3550
Trinidad and Tobago, Forest Resource Inventory and Management Section 4838
Tripathi, R. M. 7599
Tripathi, R. S. 1975, 6784
Tripathi, S. C. 5791
Tripathi, S. K. 5197
Tripathi, Y. C. 906, 7017
Tripp, D. B. 1099, 1101
Tritton, L. M. 6072
Troendle, C. A. 4249, 5467, 6007
Trofimets, V. I. 2307
Troncoso, A. 7934
Trossett, M. W. 5342
Troupin, G. 2985
Trowbridge, R. 419, 6978
Trüby, P. 7727
Truchanowicz, J. 2354
True, R. E. 1301
Trujillo, J. 1756
Trusevich, A. G. 7241
Trushevich, V. V. 8102
Trzebitzky, C. 7278
Tsai, I. L. 2920
Tsai, P. 3634
Tsaĭ, V. V. 7701
Tsakov, Kh. 2167
Tsalikidis, I. 6067
Tsamo, E. 5063
Tsang, E. W. T. 83
Tsanov, Ts. 3605
Tsao, T. H. 911, 5120
Tschaplinski, T. J. 1935
Tschulik, A. 3734
Tseng, K. C. 3234
Tshuk, A. A. 7534
Tsinovskis, R. E. 5048
Tsintsadze, K. V. 3081
Tsiza, G. 7389
Tsuda, S. 870
Tsuji, H. 7031
Tsunoda, H. 1630
Tsurumachi, M. 7188
Tsurumi, K. 7109
Tsutsumi, J. 6398, 6497
Tsutsumi, T. 249, 7780
Tsuyuzaki, S. 2319
Tsyganova, O. P. 1
Tsykunov, I. A. 7701
Tu, Q. H. 5309
Tubbs, C. H. 5367
Tucker, G. 3246
Tucker, W. L. 2314
Tudor, K. D. 3400
Tueller, P. T. 7281
Tufts, R. A. 6271
Tuge, H. 201
Tukel, T. 7592
Tull, K. 4550
Tuller, S. E. 472
Tulloch, A. 1539
Tumaliuan, B. T. 3351
Tuneka, N. 737
Tung, C. H. 5095
Tunnock, S. 4472
Tunset, K. 5951
Tuomi, J. 4360
Turcsányi, G. 928
Turekian, K. K. 4959
Turgeon, J. J. 6553
Turkey, General Directorate of National Parks and Wildlife 1790, 1792
Turkia, K. 6386
Turkoz, S. 6405
Turnbull, J. 5770, 6985
Turnbull, J. W. 1224, 2348, 6672
Turner, D. P. 3641
Turner, D. R. 7707
Turner, H. 2782
Turner, J. 2480, 4920, 5167
Turner, M. G. 6638
Turner, R. R. 2837
Turner, T. L. 628
Turvey, N. D. 7712
Twetman, J. 4756
Tworkoski, T. J. 7049
Tybirk, K. 3767
Tyler, G. 2309, 7696, 7768
Tylkowski, T. 7480-7482
Tyree, M. T. 2822-2823, 4935, 5729
Tyzh, R. M. 1238
Tzeng, C. S. 2763-2764
Tzschacksch, O. 4074
Ucero, T. 7710
Uchida, R. 1655
Uchida, S. 1271, 3240, 6897-6899
Udayasoorian, C. 7591
Uddin, S. 6407
Udisti, R. 2848
Uebel, R. 1377-1378
Uebelhör, K. 6300
Ueda, K. 283
Ueda, S. 249, 418, 7562
Uematsu, S. 474
Uenaka, K. 88, 187
Uenaka, M. 88, 187
Uenishi, K. 143
Uenishi, Y. 143
Ueno, K. 4281
Uetsuki, Y. 7485
Ugalde, L. 3348
Ugalde, L. A. 3320
Ugalde A., L. A. 3320, 3348
Uglyanets, A. V. 8120
Ugoagwu, B. J. 6367
Uhl, C. 5216
Uibrig, H. 1296, 4208, 6288
Újvári, F. 5526
Újvárinė, J. E. 5525
UK, Forestry Commission 3124, 3314, 4005
UK, Timber Growers United Kingdom 4048
Ulbricht, R. 1374, 4225
Ulonska, S. 6255
Ulzen-Appiah, F. 6769
Uma Melkania 2302, 8147
Umeda, M. 6900
Underhill, E. W. 7201, 8043
Underwood, M. 6120
Unestam, T. 3865
Ung, C. H. 4842
United Nations Development Programme 6691
United Nations Environment Programme 3, 557, 1729
United Nations Sudano-Sahelian Office 2603, 6079, 6620
Unruh, J. D. 1767, 5453, 8143
Unsworth, J. W. 1094
Unsworth, M. H. 4956, 4960
Unt, V. Ya. 2698
Unterberger, W. 199
Unwin, G. L. 258, 2249, 5181
Uotila, A. 6515
Upadhyay, V. P. 807, 5197, 6926
Upasena, S. H. 7594
Upreti, N. 423
Uratsu, S. L. 3850
Urbaniak, M. 6689
Urbański, K. 2790
Urechiatu, M. 6008
Uresk, D. W. 7283
Uriarte, N. S. 3531
Urmila Jamwal 6778
Urness, P. J. 8090
USA, Forest Service, Alaska Region 7439
USA, Forest Service, Policy Analysis Staff 6696
USA, Forest Service, Watershed and Air Management Staff 7295
USA, Forestry/Fuelwood Research and Development Project 3248
USA, Interagency Grizzly Bear Committee 578
USA, Overseas Education Fund International 2550
USA, Pacific Northwest Research Station 6704
USA, Southern Forest Tree Improvement Committee 4618
Ushiyama, M. 7497
Usubillaga, A. 7597
Usui, H. 7927
Utemova, L. D. 6508
Utkin, A. I. 2
Utzig, G. F. 3644
Uusitalo, M. 6108-6109
Uvarova, N. I. 2336
Vacek, S. 4188
Vagnoli, L. 4428
Vahala, T. 3837
Vaisanen, R. 3895
Väisänen, R. A. 964
Vakhrina, N. M. 491
Vakurov, A. D. 3233
Valancogne, C. 2579
Valder, P. G. 7140
Valdes, E. 8009, 8054-8055
Valdes, H. 8076
Valdés, M. 463
Valdes, M. 6511
Valdeyron, G. 3838
Valdiya, K. S. 7308
Vale, A. B. do 740, 3566, 3674
Valeix, J. 7441
Valenta, V. T. 5961
Valentine, H. T. 6095
Valentini, R. 3579
Valenzuela, E. 7477
Valerio G., J. 80
Vales, M. A. 333-334, 888
Valio, I. F. M. 2962
Valle, R. R. 1440
Vallée, G. 4742
Valluri, J. V. 2121, 7723, 8011
Valtanen, J. 4771, 6209
Valtýni, J. 5425
Van Auken, O. W. 3016
Van Bavel, C. H. M. 4025
Van Beek, T. A. 7022
Van de Vrie, M. 5965
Van de Werken, H. 7367
Van den Berg, C. A. 4514
Van den Berghe, A. J. 7026
Van der Heijden, R. 7499
Van der Merwe, C. J. 2018
Van der Sluis, W. G. 7841
Van Himme, M. 1273
Van Hoof, L. 7026
Van Hove, L. W. A. 5739
Van Labeke, M. C. 6721, 7372-7373
Van Leur, M. 1757
Van Nieuwerburgh, M. 8177
Van Pelt, N. S. 7553
Van Renterghem, O. 1757
Van Veldhuizen, A. 7022
Vance, N. C. 7675
Vanclay, J. K. 2747
Vančura, K. 4070, 7461
Vandana Lodha 4334
Vandana Shiva 4650
Vanden Born, W. H. 130
Vanderschaeghe, A. M. 6163
Vanderveer, H. 2014
Vanhaeien, M. 900
Vanhaelen, M. 1493
Vanhaelen-Fastre, R. 1493
Vaníček, J. 4174
Vannucci, M. 4589
Vanwezer, J. 7372-7373
Vardaman, J. M. 1807
Varela, V. P. 7493
Varga, L. 5520
Varghese, G. 413, 2303, 7943
Varghese, T. M. 6763
Varma, R. K. 7599
Varma, R. V. 1066, 7204
Varmola, M. 6080
Vartak, V. D. 6457
Vasander, H. 867
Vásárhelyi, T. 4462
Vasievich, J. M. 7234
Vasilev, P. D. 2871
Vasil'eva, E. A. 496
Vasisth, H. B. 2112
Vasistha, H. B. 4704
Vásquez, F. 6363
Vásquez, S. G. 7302
Vásquez, W. 2177, 3845
Vásquez C., W. 690, 2723
Vásquez Ruíz, M. S. 6390
Vatasan, G. S. 3289
Vattimo-Gil, I. de 937
Vavilov, V. G. 7259
Vázquez-Yanes, C. 634, 1883, 7670
Veblen, T. T. 1289, 6474
Veen, A. W. L. 2491, 7685
Veen, J. A. van 2845
Veeranna, G. 5916
Veerendra, H. C. S. 5819
Vega, F. Tome de la 1082
Vega G., L. E. 7332
Vega González, L. E. 6856, 7332
Veiga, A. de A. 953
Veiga, J. E. R. 724
Veiga, R. A. de A. 170
Veilleux, J. M. 89, 91, 4751
Velasco, F. 3587
Velchev, V. I. 2871
Veldhuis, M. 5536, 5631
Veldhuizen, A. van 7022
Veldmann, G. 1663
Velička, M. 3577
Velkov, D. 3364
Velling, P. 6387
Velthorst, E. J. 835
Venator, C. R. 1980, 5562
Vencovsky, R. 7962
Vendramin, G. G. 1244, 1613
Venialgo, C. A. 7710
Venkaiah, K. 7003
Venkatasubramanian, N. 5177
Venn, K. 476
Vera, R. 4821
Veracion, V. P. 105, 547
Verbyla, D. L. 4856
Vereecken, H. 6340
Vergara, N. T. 5398, 5475, 6089
Verhagen, S. A. 354
Verhoef, H. A. 7715
Verkaar, H. J. 3063
Verma, A. 1691

Verma, D. P. S. 1765, 8145
Verma, H. K. 5714
Verma, J. P. 6661
Verma, K. R. 2199, 5197
Verma, S. C. 610
Verotta, L. 456
Verpoorte, R. 7499
Versfeld, D. B. 5211
Verstraeten, C. 3082, 3925
Vertanen, A. 7609
Verwey, H. 6706, 6726
Veselý, L. 5637
Vetterli, L. 997
Vézina, L. P. 5089
Vézina, P. E. 5573
Vichnewski, W. 7834
Victoire, C. 3725
Victória, R. L. 7786
Vidaković, M. 439-441, 1160
Vidaković, S. 3886
Vidal, J. 7525
Vidal, M. R. R. 946
Vidal, W. N. 946
Vidlička, L. 2436
Vidrich, V. 6413
Vieira, E. C. 7838
Vieira, M. F. 946
Vieira, P. C. 2919
Vieira, R. F. 5870-5871
Vieitez, A. M. 4725
Viel, C. 4342
Viggiani, G. 3078-3079, 3139
Vigiani, A. R. 1998
Vijai Lakshmi 1327
Vijavakumar, M. 5433
Vijay Kumar, B. K. 5141
Vijayakumar, K. R. 4686
Vila, W. M. 3840
Vilegas, J. H. Y. 7871
Viljoen, P. J. 6003
Villalba, C. 2528
Villalba, R. 4904
Villamizar, A. 2528
Villanueva, V. R. 3752
Villar, M. 933, 2946
Villarreal Canton, R. 13
Villaverde, M. C. 3697
Villiers, J. F. 1584
Vimmerstedt, J. P. 6922
Vining, J. 2558
Vinogradov, B. V. 2076
Vinoth Thomas 5017
Virágh, K. 3810
Virchenko, V. M. 7099
Virden, R. J. 6635
Virendra Singh 4702, 4705, 6143, 6196
Virgens, A. de C. 3964
Virginia, R. A. 2810, 7714, 7734, 7994
Virtanen, P. 4023
Visetbhakdi, N. 1731
Vishniac, H. S. 2129
Vishwakarma, A. K. 4344
Visser, L. B. 6767
Visser, S. 796
Vital, B. R. 287-288, 3648
Vité, J. P. 3115, 3911, 5456
Vitorello, V. A. 7786
Vitousek, P. M. 5354, 7707
Vitti, G. C. 662
Vivekanandan, K. 3306, 4611
Vlietinck, A. J. 7026
Vlonga, S. 5569
Vodak, M. C. 6642
Voerman, S. 5939
Vogel, C. S. 2124
Vogel, H. J. 3607
Vogel, S. 2884
Vogel, W. 3201
Vogel, W. von 1719
Vogelsanger, W. 820
Vogler, D. 1060, 3888
Vogt, D. J. 17
Vogt, K. A. 17
Vogt, R. 6339
Voigt, F. 1228
Voipio, R. 4340
Voirin, B. 3733
Volk, H. 5686, 8171
Völker, B. 5508
Volkmann, J. 7453
Volkova, L. D. 491
Volná, M. 4097, 4113
Volney, W. J. A. 2425
Vomperskiĭ, S. É. 1-2
Von Teichman, I. 2875
Vonk, G. J. A. 2276
Vooková, B. 79
Voolma, K. 2438
Vora, R. S. 4095
Voretzsch, A. 1427
Voron, V. P. 7518
Vorster, P. 7075, 7794
Vorwerk, M. P. 2420
Vos, L. de 7044
Vose, J. M. 2200-2201
Voss, R. L. 5533
Vovk, T. I. 7253
Vozzo, J. A. 3371, 5540, 6734, 7038
Vranjic, J. A. 910
Vrecenak, A. J. 6642
Vredenberg, W. J. 5739, 6358
Vrie, M. van de 5965
Vries, P. J. de 3890
Vries, W. de 2096, 3624
Vrkoč, J. 2464
Vukasin, H. L. 1157
Vuorela, H. 4027
Vuorisalo, T. 4360
Vyskot, M. 2050-2051
Vysloužil, J. 566, 4562
W., P. 3842
W., T. C. 4009
Wachter, H. 2612
Wada, S. 7925
Waddell, D. R. 5736
Waddington, J. 1996
Wade, D. D. 11, 5767
Wade, G. L. 1112
Wade, K. A. 7100
Wade, M. J. 8067
Wadhwa, V. K. 6827
Wadsworth, F. H. 7396
Wagner, A. 2479
Wagner, C. E. van 4988, 7448
Wagner, C. L. 5687
Wagner, D. B. 3833, 5856
Wagner, F. 5252
Wagner, H. 7692
Wagner, M. R. 1811, 2941, 6572
Wagner, R. G. 3454
Wągrzyn, Z. 2987
Wagstaff, F. J. 5339
Wahbi, A. A. 4707
Wahid, P. A. 4545
Wahjono, J. 3506
Waibelo, R. 5050
Waide, J. B. 6970
Wainhouse, D. 4582
Wainman, N. 5175
Waisel, Y. 1860
Waite, C. E. 628
Wakefield, V. A. 2151
Wakeley, R. R. 4229
Waldherr, M. 6718
Waldrop, T. A. 6373
Wałecki, M. 2987
Walgate, R. 1841
Walker, B. 41
Walker, G. J. 4224
Walker, J. D. 4612
Walker, N. R. 4775
Walker, R. F. 4776, 6762
Walkinshaw, C. H. 7158
Walkowiak, J. T. 2020
Wallace, A. 7400
Wallace, D. R. 7448
Wallace, H. L. 3790
Wallace, M. B. 6025
Wallander, H. 459
Waller, D. A. 3076
Waller, D. P. 7036
Waller, J. H. 5910
Wallin, W. B. 3774
Walmsley, M. E. 3448, 3644
Walsh, R. G. 2557, 6065
Walter, B. 2101
Walter, C. 6556
Walters, G. A. 4124, 7318
Walters, R. S. 1111
Walther, P. 1117
Walton, C. S. 2120
Wan, A. S. C. 7867
Wan, C. 2248
Wan, X. C. 2398
Wan Rahmah, W. A. R. 3249
Wan Razali, W. M. 5194
Wanapat, M. 7467
Wanders, E. A. J. 408
Wang, A. L. 2398
Wang, B. S. 396
Wang, B. S. P. 1232, 3368, 5538, 6158, 6732
Wang, C. L. 5054
Wang, D. L. 349
Wang, F. H. 1472
Wang, F. X. 1472, 4170
Wang, G. C. 4477
Wang, H. 4899
Wang, H. H. 6399, 6996, 7123
Wang, H. J. 7296
Wang, J. 3832, 4747
Wang, J. F. 2344
Wang, J. S. 6751
Wang, K. T. 5072
Wang, L. C. 7270
Wang, L. Y. 2450, 6600
Wang, M. L. 797
Wang, M. X. 3037, 3839
Wang, P. J. 67
Wang, P. L. 6998
Wang, P. Q. 341
Wang, Q. R. 2080
Wang, R. Q. 5020
Wang, S. J. 4273
Wang, S. S. 5098, 5507
Wang, W. D. 1488
Wang, W. H. 2580
Wang, W. L. 6248
Wang, W. X. 7277
Wang, X. C. 26
Wang, X. L. 2344, 3036
Wang, X. M. 4491
Wang, X. Q. 6200
Wang, X. R. 754, 4364
Wang, Y. 6844, 7270
Wang, Y. C. 2542
Wang, Y. K. 4151
Wang, Y. L. 7975
Wang, Y. P. 4035
Wang, Y. Q. 2345
Wang, Y. S. 4898
Wang, Z. G. 7270
Wang, Z. H. 107
Wang, Z. J. 3824
Wang, Z. N. 2461
Wang, Z. P. 7070
Wang, Z. Q. 4089
Wang, Z. R. 3028, 7975
Wang, Z. X. 2461
Wann, S. R. 4093
Wanner, J. L. 5298
Wannigama, G. P. 1508, 7878
Ward, C. J. 4909
Ward, F. A. 2557
Ward, K. T. 1620
Ward, R. T. 5836
Wardani, M. 2219, 3571, 7825
Wardell-Johnson, G. 3811
Wardle, T. D. 7352
Wardoyo, S. 5980
Ware, G. 6918
Wari, M. 531, 3932
Warkentin, M. E. 7341
Warrag, E. I. 3415, 3762, 6780
Warren, G. R. 176-177
Warren, K. 7374
Warren, L. E. 6226
Warren, S. D. 4317
Warren, S. L. 123
Warrilow, D. A. 4541
Warrington, I. J. 4252, 4254
Wasem, C. R. 7093
Washburn, J. 6261
Washitani, I. 3791
Washizuka, Y. 2828-2829
Wass, E. F. 6965
Wassel, G. 5043
Wästljung, U. 4362
Wasuwanich, P. 1887-1888, 1894, 1896, 1899, 2266, 6732
Watanabe, H. 6398, 6528
Watanabe, K. 1335, 1617, 3699
Watanabe, M. 568, 880, 7800
Watanabe, N. 3703
Watanabe, S. 6297, 7646
Watanabe, T. 48, 474, 482
Watanakul, J. 5931
Waterman, P. G. 902, 958-959, 1500, 1504, 1510, 1523, 2932, 3695, 3729, 7019, 7856
Waters, A. J. 1633
Waters, W. E. 2011
Watkins, B. P. 7909
Watkins, R. K. 1222
Watson, G. W. 5436, 6224, 7368
Watson, S. R. 1031
Watt, A. D. 1068, 3913, 6551, 7216
Watters, R. J. 4948, 5752
Watts, S. 3267
Watwood, M. E. 6917
Watzek, A. 5580
Wauchope, R. D. 577
Waugh, W. J. 5179
Wawrzyniak, H. 6556
Wawrzynski, R. P. 6576
Wearn, V. H. 2683
Weatherhead, I. 1241
Weatherly, H. G. 4790
Weaver, C. A. A. 523
Weaver, M. J. 5119
Weaver, P. L. 763, 5680
Webb, D. P. 3575
Webb, D. T. 84, 4720, 4739
Webb, G. A. 4488, 8062
Webb, R. E. 7260
Webb, S. L. 2780
Webb, T., III 970, 3002, 4380
Webb, T. M. 8003
Weber, A. 1627
Weber, E. 7495
Weber, F. 5395
Webster, A. L. 4314
Webster, F. B. 84, 4720
Webster, J. R. 2863
Wedler, M. 5108
Wedner, H. J. 5074
Weese, G. 5117
Weetman, G. 7448
Weetman, G. F. 12, 4751
Wegener, H. J. 7454
Wegensteiner, R. 4507
Wegwitz, E. 6561
Wehling, K. 5077
Wehrstedt, I. 4713
Wei, A. J. 3060
Wei, H. J. 3099
Wei, K. N. 4481
Wei, Z. Q. 7171
Weidelt, H. J. 698, 6269
Weidenbach, P. 7470
Weigel, H. J. 5741
Weigel, P. 255
Weiger, H. 655
Weihrauch, B. 4259, 6286
Wein, R. W. 2318, 5207, 5987
Weinberg, C. 1795
Weiner, G. 2890
Weinland, G. 3469
Weinstein, D. A. 3288
Weinstein, L. 3627
Weinstein, L. H. 3628
Weis, G. 6614
Weis, G. G. 6613-6614
Weise, D. R. 5767
Weise, U. 2581
Weiser, C. J. 2949
Weiser, F. 6161-6162
Weiss, M. 6709
Weissleder, S. 6709
Weissmann, G. 4337
Welander, M. 1915, 2634
Welander, N. T. 2634
Welch, H. E. 7232

Welden, C. W. 5836
Welke, L. 1339
Wellburn, A. R. 3619, 6668
Wellendorf, H. 3039
Weller, D. E. 3795, 4374
Wellington, W. G. 503
Wells, C. G. 1402
Wells, P. M. 4367-4368
Wells, T. C. 1622
Wells, W. 5765
Welsh, K. J. 4733
Welsh, P. 1554
Wemmer, C. M. 5823
Wen, T. H. 940, 2710, 2980
Wen, Y. C. 34
Wen, Y. X. 5507
Wen, Y. Z. 7237
Wendel, G. W. 5835
Wendering, R. 5117
Wendler, J. 6500
Wenk, G. 4042
Wenny, D. L. 2627, 6101, 6513
Wensel, L. C. 2036, 2721
Wentworth, T. R. 4029
Wenzel, K. A. 3750
Werff, H. S. van der 5278
Werff, H. van der 384, 944, 5832
Werk, K. 6428
Werk, K. S. 363-364, 915, 6428-6429, 7891-7892
Werken, H. van de 7367
Werner, A. 4971
Werner, J. C. 7103
Werner, M. 151
Werner, R. A. 1683, 3145, 8045
Werritty, A. 7307
Weslien, J. 7220
Wesoły, W. 2790, 7054
Wessolly, L. 236, 4630
West, G. G. 5485, 6042, 6047
West, N. 5345
West, N. E. 7553
West, R. C. 5558
West, R. J. 69, 524, 4501, 7264, 8088
Wester, D. B. 8096
Wester, J. 5256
Westerling, S. 4177
Westfall, R. D. 2443, 4500
Westgarth-Smith, A. R. 558
Westman, W. E. 2144, 3560
Weston, C. J. 3583
Westphal, E. 2568
Westphal, J. M. 4030
Westra, J. J. 3231
Westra, L. Y. T. 5160
Westwood, S. 1959
Wetzel, S. 5027
Weyerstahl, P. 7018
Whaley, W. H. 4317
Wharton, E. H. 4613
Whatley, F. R. 2241, 2929, 6948
Wheatcraft, A. M. 2736
Wheeler, C. T. 6944
Wheeler, E. A. 1462
Wheeler, N. C. 932
Wheeler, R. A. 6137
Whelan, R. J. 2263, 5131
Whiffin, T. 2226, 5083
Whisenant, S. G. 7554
Whitbread, A. M. 8170
Whitby, M. 6018
Whitcomb, R. F. 3880
White, C. S. 5709
White, D. E. 1092
White, D. L. 5738
White, E. E. 3836, 5230
White, E. H. 2915, 3271, 3612, 6204, 6682, 6769
White, F. 980
White, G. 3030
White, J. B. 4757
White, J. D. 5763
White, K. J. 33, 121, 298, 1267, 1606, 1735
White, M. E. 6462
White, P. S. 427, 4559, 7636
White, S. 8138
White, W. 47
Whitehead, D. 6341, 7301
Whitehead, I. M. 7499
Whitesell, C. D. 219-220, 3394, 3464, 6277, 6895-6896
Whitford, W. G. 7714
Whitham, T. G. 2356, 5933, 7189
Whitmore, T. C. 2288, 4009
Whitney, N. J. 5248
Whitney, R. D. 5890
Whittaker, J. B. 6330
Whittiker, J. 1239
Whorton, J. M. 1999
Whyte, A. G. D. 1940, 6815
Wibbelt, A. 7524
Wibowo, A. 49, 3667
Wickramasinghe, A. 2242, 4031, 7864
Wickware, G. M. 15
Widarti, A. 1124
Widden, P. 2812, 6932
Widiarti, A. 1124, 3331, 3423
Widmann, H. 8181
Wiebe S. 3617
Wieber, A. 7260
Wiechert, K. 1288
Wieczorek, H. 5545
Wielemaker, W. G. 7785
Wiemann, M. C. 6364
Wiemken, A. 5868
Wierda, A. 7685
Wiermann, R. 5077, 5092, 7045
Wiersum, K. F. 1159, 3968, 3984, 4013
Wieser, G. 3603
Wieser, H. 3106
Więsik, J. 6794
Wiesman, C. 4849
Wigand, P. E. 5171
Wiggins, K. L. 5281
Wight, B. 2503
Wightman, S. J. 5660
Wigley, T. B. 4524
Wigley, T. B., Jr. 2164
Wigley, T. M. L. 4570
Wikeem, S. J. 1687
Wilcox, H. E. 5257
Wilcox, M. D. 3834
Wilde, L. 494
Wildi, O. 997
Wildin, J. H. 3189
Wildt, E. de 425
Wiley, S. 7556
Wilford, D. J. 1106
Wilgen, B. W. van 5211, 5761
Wilhelmi, V. 7519, 7521, 7764
Wilhelmsson, E. 2748
Wilken, G. C. 5395
Wilkes, J. 2163
Wilkes, P. 4175
Wilkie, D. S. 4549
Wilkins, D. A. 3858
Wilkinson, H. P. 6654
Wilkinson, R. C. 6565
Willan, R. L. 2633, 3023, 3543
Willatt, S. T. 6911
Willemse, L. P. M. 5939
Willemse, M. T. M. 5077
Willett, M. S. 8099
Williams, A. L. 1638
Williams, C. B. 2455, 3101
Williams, C. B., Jr. 2433
Williams, C. G. 1026
Williams, D. H. 4648
Williams, D. J. 2904
Williams, E. G. 934
Williams, F. J. N. 5486
Williams, H. M. 4764
Williams, J. C. 2129
Williams, M. 1144
Williams, M. J. 6138
Williams, P. A. 5840, 6935
Williams, R. A. 3519
Williams, S. M. 5856
Williamson, D. R. 687, 1302, 2655, 2688
Williamson, G. B. 2321, 3669, 6364
Williamson, M. 6792
Willis, R. G. 1995
Williston, H. L. 1360
Wilpert, K. von 810
Wilshaw, J. C. 4960
Wilson, A. D. 5988
Wilson, B. C. 2636
Wilson, B. F. 3678, 3686
Wilson, C. D. 4813
Wilson, G. G. 6560
Wilson, J. B. 4386
Wilson, J. D. 4957
Wilson, J. R. 7348
Wilson, K. B. 1759
Wilson, M. J. 5070
Wilson, P. 5074
Wilson, P. H. 3425, 3842, 4136, 4306
Wilson, R. T. 395
Wilson, S. M. 1612
Wilt, F. M. 6924
Winarto, B. 2596
Winder, F. L. R. 7286
Wingfield, M. J. 4443, 5899
Wingsle, G. 3705, 3737
Winkler, I. 7327
Winkler, W. G. 2600
Winkler-Seifert, A. 843
Winner, W. E. 277
Winograd, M. 1597
Winokur, R. P. 5467
Winship, L. J. 360, 1826
Winter, K. 4502, 6418, 7046-7047
Winter, R. E. K. 3134
Winter, S. 5291, 8018
Winter, T. G. 1656
Winzeler, K. 729
Wiriyachitra, P. 7020
Wirsing, J. M. 994
Wirth, V. 564
Wise, R. R. 1482
Wiser, W. J. 6416
Wiśniewski, J. 7267
Wisniewski, J. 3271, 3611
Wisse, J. 4563
Witcosky, J. J. 2440, 5322
Withington, D. 5473-5474
Witrylak, M. 3122
Wittenberg, B. A. 1569
Wittenberg, J. B. 1569
Wittig, R. 842
Wittwer, R. F. 3459
Witzenhausen, W. 1383-1384
Wobst, H. 199
Wöhler, I. 5735
Woinarski, J. C. Z. 5347
Wojtkowski, P. A. 1768
Wolf, E. C. 4557
Wolf, K. 4568
Wolf, R. 3986
Wolfe, M. H. 813, 4932
Wolff, G. 1449, 3626, 4509, 6091
Wolfgramm, M. 6255
Wollenweber, E. 2241
Wolosiewicz, M. 1051
Wolswinkel, P. 2950
Woltz, P. 1477-1478
Wong, C. C. 5389
Wong, H. 1525, 1544, 1559
Wong, H. R. 5300
Wong, K. K. Y. 7128-7129
Wong, S. C. 1571
Woo, B. M. 3794, 3947, 8115
Woo, H. C. 3935
Woo, J. Y. 7144
Woo, K. S. 3917, 7228
Wood, A. M. 71
Wood, B. 7356
Wood, C. 470
Wood, C. V. 3175
Wood, D. L. 8017
Wood, G. B. 4232
Wood, G. W. 1085
Wood, J. E. 4778
Wood, J. T. 7184
Wood, P. B. 2473
Wood, P. J. 3196
Wood, S. L. 7225
Wood, T. 5227
Wood, T. G. 7186
Wood, W. L. 6866
Woodburn, M. I. A. 1696
Woodcock, D. W. 2888
Woods, J. H. 7977
Woods, K. D. 6463
Woods, R. F. 1991
Woods, S. A. 8089
Woodward, A. 5337
Woodward, F. I. 2997
Woodward, R. A. 3820
Woodward, S. 4726
Woodward, S. A. 5354
Woolfenden, D. 3961
Woolfenden, G. E. 6004
Woollons, R. C. 1940, 6815
Woolson, E. A. 577
Worbes, M. 996, 5026, 6073, 6651
Worrall, J. J. 3868, 5199
Wraith, C. K. 4195
Wray, V. 2930, 5055, 7045
Wright, C. S. 5675
Wright, D. C. 5101-5102
Wright, H. A. 4130, 8094, 8096
Wright, J. A. 3030
Wright, L. L. 7531
Wright, R. A. 2170
Wright, S. L. 5938
Wright, T. A. 6951
Wróbel, B. 7885
Wróblewska, I. 7654
Wrześniewski, W. 7481-7482
Wu, B. L. 202
Wu, C. M. 7905
Wu, C. P. 2344
Wu, C. S. 4479
Wu, D. M. 506
Wu, D. Q. 4892
Wu, D. Y. 754
Wu, F. R. 6680
Wu, G. J. 5903
Wu, G. L. 5548
Wu, G. M. 7907
Wu, H. I. 6016
Wu, J. K. 135, 7406
Wu, J. W. 7212
Wu, K. T. 2239
Wu, M. X. 6469
Wu, P. H. 4481
Wu, Q. P. 5902
Wu, R. L. 3037, 3839
Wu, T. H. 4319
Wu, W. Y. 1343
Wu, X. D. 4574
Wu, X. M. 1473
Wu, Y. 4477, 7113
Wu, Y. T. 754
Wu, Z. J. 1461
Wu, Z. M. 377
Wu, Z. X. 5718
Wuehlisch, G. von 3032
Wulf, A. 2479
Wulf, R. R. de 213
Wunderlich, G. 4259
Wünsch, G. 2243
Wust, K. 6
Wüstenhöfer, B. 457
Wyatt, R. 2353
Wyatt-Smith, J. 4172
Wyckoff, G. W. 4093
Wyckoff, J. L. 4093
Wyk, A. E. van 6438, 6447-6448
Xi, S. K. 4418
Xi, Y. J. 504
Xi, Y. S. 2640
Xia, L. Y. 4170
Xia, N. B. 5309
Xia, Q. 3773
Xia, W. F. 7272
Xiang, S. Q. 1464, 4921
Xiang, W. N. 4447
Xiang, X. M. 2640
Xiao, G. R. 505, 4475
Xiao, J. H. 2345
Xiao, J. K. 2031
Xiao, Y. 5696

Xie, G. E. 311
Xie, H. 5787
Xie, N. 2938
Xie, Q. K. 6585
Xie, Z. X. 6844
Xiong, D. T. 4050
Xiong, P. B. 4298
Xiu, R. Z. 6246
Xu, C. H. 7212
Xu, D. P. 6421
Xu, G. H. 2080
Xu, N. 430, 3037, 3839
Xu, T. S. 3073
Xu, T. Y. 76
Xu, X. H. 893
Xu, X. Q. 549, 2055
Xu, X. Z. 3037, 3839
Xu, Y. Y. 416
Xu, Z. L. 504
Xue, H. C. 7170
Xue, H. Z. 7036
Xue, J. H. 2731
Xue, J. R. 135, 2979
Xue, X. Q. 2462
Y, D. F. 7212
Yabe, S. 7644-7645
Yadav, H. R. 7403
Yadav, J. S. P. 5516
Yadav, K. C. 2189
Yadav, Y. P. 2112
Yagi, H. 251
Yagi, K. 98
Yaguchi, Y. 897
Yahata, H. 1335, 1617
Yajima, M. 1515
Yamada, K. 3633
Yamada, T. 1632
Yamada, Y. 45-46, 1198, 4281, 7925
Yamagishi, K. 3303
Yamaguchi, H. 7363
Yamaguchi, N. 7644
Yamaguchi, Y. 206
Yamakura, T. 747, 3675
Yamamoto, E. 3738
Yamamoto, H. 1307, 1335, 1617, 6967, 7639
Yamamoto, M. 1107, 7645
Yamamoto, T. 46, 48, 155, 157, 1316, 7584
Yamanaka, I. 4858
Yamanaka, T. 7082
Yamaoka, M. 2829
Yamasaki, M. 5367
Yamasaki, T. 7235, 8053
Yamashita, S. 1316, 7584
Yamauchi, T. 7867
Yamauchi, Y. 1499
Yamazoe, G. 778, 1119-1120, 3357-3358, 3508
Yamoah, C. 4650, 5397
Yamoah, C. F. 3200, 4650, 5397, 6629
Yan, B. 2080
Yan, C. Q. 3181
Yan, J. J. 7212
Yan, X. S. 2959
Yan, X. Z. 7011
Yan, Y. H. 506, 6844
Yanchuk, A. D. 5282
Yañez R., X. 1524
Yang, B. C. 4327
Yang, C. C. 2463
Yang, C. Q. 2959
Yang, C. S. 2880
Yang, D. 5274
Yang, J. 2836, 7171
Yang, J. C. 3328, 6170
Yang, K. C. 2852
Yang, L. 4349
Yang, L. P. 824
Yang, L. Y. 342
Yang, M. H. 4310
Yang, R. 4905
Yang, R. C. 147, 1258
Yang, S. H. 453
Yang, S. I. 490
Yang, S. L. 7500
Yang, W. Z. 3181
Yang, X. Q. 1364, 7643
Yang, Y. C. 1369, 6814, 6857
Yang, Y. P. 382
Yang, Y. Q. 416
Yang, Y. S. 5718
Yankyavichene, R. 4002
Yano, K. 7407
Yantasath, K. 5931
Yao, C. E. 3953
Yao, G. Q. 293, 6818
Yao, X. S. 2889
Yared, J. A. G. 5640
Yash Dave 5017, 5022
Yashiro, M. 945
Yasin, A. A. 1752
Yastrebov, A. B. 1594
Yasuda, K. 7188
Yasue, M. 2937
Yates, D. J. 2249, 7005
Yatsenko, V. G. 7259
Yavzury, M. 1795
Yawney, H. W. 6682
Yawney, W. J. 5877
Ye, G. H. 7070
Ye, G. Y. 2013
Ye, J. R. 489, 2397, 3053
Ye, L. H. 107
Ye, Z. H. 2209, 3029
Ye, Z. J. 2796
Ye, Z. M. 3036
Ye, Z. Y. 3828
Yeargan, K. V. 3080
Yearsley, H. K. 3823
Yeatman, C. W. 2333
Yeh, F. C. 5282
Yeiser, J. L. 3496, 4674, 4772
Yendol, W. G. 6544
Yeo, W. H. 490
Yeoman, M. M. 3378, 5015, 5801
Yerg, D. G. 5483
Yetter, T. C. 4395
Yeung, K. M. 6647
Yeung, Y. Y. 999
Yi, C. K. 490, 2865, 3875
Yi, P. 2031
Yi, T. P. 2978
Yibirin, E. 7597
Yılmaz, A. 5698
Yim, K. B. 8070
Yin, J. F. 4534
Yin, J. S. 3799
Yin, S. C. 311
Yin, T. L. 4151
Ying, B. P. 2907
Ying, S. S. 1593, 7073
Yli-Halla, M. 649
Yoder-Williams, M. P. 1330, 3444
Yokomizo, N. K. S. 3905
Yokoyama, T. 6747, 6995
Yole, D. 420, 5201
Yonekubo, J. 338
Yonts-Shepard, S. 6621
Yonzone, R. 1328
Yoo, B. H. 3936
Yoo, B. I. 208, 2593
Yoo, J. H. 2729
Yoo, J. W. 191, 2744, 7659
Yoo, S. K. 435-436
York, W. S. 5071
Yorkston, H. D. 4542
Yoshida, H. 7520
Yoshida, K. 794, 2937
Yoshida, M. 1502-1503, 1519, 3732, 5057, 7868
Yoshida, N. 4464
Yoshida, T. 513
Yoshimoto, T. 348
Yoshimura, K. 397, 418, 2009, 7562, 8105
Yoshinari, K. 7010
Yoshioka, J. 1398
Yoshitake, T. 272
Yoshizaki, M. 1550, 3696
Yoshizawa, N. 2203
Yosida, N. 1674
Yosino, S. 2485
Youn, H. J. 3947
Youn, Y. 1029
Young, A. 1170, 1780, 1806, 6035
Young, C. E. 3926
Young, D. A. 1073, 7875-7876
Young, G. D. 2168
Young, J. A. 4717
Young, R. M. 8061
Young, S. S. 3824
Young, T. N. 4527
Yu, C. M. 8163
Yu, G. T. 2695
Yu, J. 341
Yu, L. C. 2972
Yu, X. T. 25
Yu, Y. Y. 6559
Yu, Z. Z. 7622
Yuan, G. 7163
Yuan, R. G. 6559
Yuan, Z. Q. 7145
Yuan-Yi, L. 5306
Yücel, M. 5760
Yugoslavia, Institut za Topolarstvo 3273
Yugoslavia, Savezeni zavod za Standardizaciju 1816
Yukawa, J. 5326, 7200
Yum, Y. C. 3097, 3123, 3130
Yumoto, T. 5820
Yun, K. S. 615
Yun, Z. H. 7406
Yunginger, J. W. 1554
Yunov, V. I. 6690
Yurgenson, N. A. 8178
Yuri, A. 6422
Yuri S., J. A. 6744
Yurinova, A. A. 7050
Yuruki, T. 1334-1335, 1600, 1617, 4300, 6215, 6237, 7926
Yurukov, S. 2195, 3337
Yushkov, V. I. 2087
Yusipovich, I. M. 7548
Yusuf, A. 2533
Yusuf, H. 773
Ywane, M. S. S. 1037, 1039
Zabady, A. S. 1207
Zabala, N. Q. 1987
Zabala, O. 6337, 6526
Zabello, K. L. 7624
Zabuga, G. A. 2054
Zabuga, V. F. 2054
Zachar, D. 5225
Zachara, T. 7900
Zaerr, J. B. 3678, 7675
Zahida Iqbal 5052
Zahner, R. 992
Zakordonets, V. A. 7252
Zakrzewski, W. 7625-7626
Zákutná, L. 1929
Zalasky, H. 124, 1269
Zambolim, L. 3882
Zanatto, A. C. S. 618, 878, 1035-1037
Zanatto, A. C. Z. 878
Zandarin, M. A. 616, 710, 1036, 3508, 3513, 3516
Zander, J. 2816
Zander, P. M. 8129
Zanon, A. 2962
Zanúncio, J. C. 1063
Zanvit, B. 5638
Zapletal, I. 5673
Zargar, M. Y. 2399
Zarnovican, R. 4837, 4852, 4854-4855
Zarra, I. 7000
Zasada, J. C. 6244
Zashchita Rastenii 7261
Zasoba, V. V. 6369
Zastenskii, L. S. 7684
Zatykov, L. L. 7752
Zavarin, E. 3736
Zav'yalova, N. S. 2087
Zawada, J. 6958
Zayas, E. de 8054-8055
Žďárek, J. 2464
Zdero, C. 1542
Zech, W. 809, 875, 2098, 2106, 2800, 3177, 5556, 6384, 6921, 6954-6955
Zeches-Hanrot, M. 2933
Zechmeister-Boltenstern, S. 7769
Zeeuw, F. de 5419
Zehler, H. 1280
Zeide, B. 7556
Zekele, P. 3345
Zekić N. 2684
Zeldin, E. L. 1917
Zellner, H. 4353
Zellnig, G. 2840, 2877, 3685
Zemlis, P. I. 7417
Zeng, D. P. 4452
Zeng, Q. B. 5392
Zeng, S. 2257
Zensen, F. 2700
Zercher, H. 7805
Zevallos, A. C. 3975
Z'Graggen, S. 4019
Zhai, B. G. 4921
Zhang, C. F. 5614
Zhang, C. H 5290
Zhang, D. C. 342
Zhang, D. H. 5718
Zhang, G. H. 6989
Zhang, H. G. 757
Zhang, H. T. 1644, 3053
Zhang, J. 2271
Zhang, J. H. 4275
Zhang, J. J. 4447
Zhang, J. L. 1754
Zhang, J. N. 488
Zhang, J. T. 6998
Zhang, J. X. 2959
Zhang, J. Y. 2209
Zhang, K. B. 6910
Zhang, L. Q. 4512
Zhang, L. X. 5549, 7210
Zhang, L. Y. 4089
Zhang, M. L. 336
Zhang, P. L. 3703
Zhang, P. X. 2783, 7171
Zhang, Q. C. 24
Zhang, Q. W. 4420
Zhang, S. F. 183
Zhang, W. M. 5897
Zhang, W. P. 939
Zhang, X. 336
Zhang, X. J. 5290
Zhang, X. N. 4107
Zhang, X. P. 7382
Zhang, X. Y. 125, 5897, 6795
Zhang, Y. 5377
Zhang, Y. B. 4327, 7767
Zhang, Y. G. 5507
Zhang, Y. M. 3635
Zhang, Y. R. 5614
Zhang, Y. T. 5828
Zhang, Z. 4491
Zhang, Z. H. 488, 1644, 3053
Zhang, Z. N. 7185
Zhao, F. G. 4511
Zhao, H. Z. 5549
Zhao, J. H. 5507
Zhao, J. N. 3107
Zhao, L. 4466
Zhao, S. G. 5897
Zhao, S. S. 2938
Zhao, T. B. 2271
Zhao, X. F. 4170
Zhao, X. W. 5685
Zhao, Y. G. 4119
Zhao, Y. Y. 4103
Zhao, Z. 5260
Zhao, Z. C. 1559
Zhao, Z. W. 202
Zhao, Z. Y. 4427
Zhegas, A. K. 7255
Zheldak, V. I. 6808
Zheng, C. L. 4239
Zheng, H. M. 4327
Zheng, H. Q. 7210
Zheng, J. B. 4753, 6761
Zheng, J. J. 7975
Zheng, P. 493, 2405
Zheng, R. H. 1644, 3053
Zheng, W. J. 738
Zheng, W. P. 488, 1644, 3053
Zheng, Y. J. 7622
Zheng, Z. H. 172
Zhilin, S. G. 2998
Zhivotoskii, V. V. 7686
Zhmakin, A. 3478
Zhong, J. Y. 1488
Zhong, S. M. 2938

Zhong, Z. K. 2675
Zhou, B. L. 2733
Zhou, D. M. 2598
Zhou, F. 1472
Zhou, J. 4447
Zhou, J. Y. 824
Zhou, M. Z. 7122
Zhou, S. B. 6776
Zhou, S. W. 4534
Zhou, W. Q. 6782
Zhou, X. G. 504
Zhou, X. M. 2397
Zhou, X. Q. 3042, 5873
Zhou, Y. 332, 4326, 7666
Zhou, Y. X. 6752, 6796
Zhou, Z. C. 3028, 6680, 7975
Zhu, B. Q. 4427
Zhu, F. C. 6260
Zhu, G. L. 911
Zhu, J. P. 3731, 7913
Zhu, K. G. 2385
Zhu, M. D. 203
Zhu, R. Q. 7171
Zhu, S. L. 7382
Zhu, X. Q. 488
Zhu, Z. C. 2462
Zhuge, Y. 7288
Židek, V. 2487
Ziegler, F. 6921
Ziegler, H. 914, 4339, 5011
Zieliński, J. 7931
Zientarski, J. 2988, 6957
Zietsman, P. C. 6438
Zihlmann, U. 7665
Zimmerman, J. W. 3713
Zimmerman, R. H. 2559
Zimmermann, H. 7572, 7578
Zimmermann, R. 363-364, 4154, 5107
Zimovtseva, I. A. 2230
Zinkel, D. F. 1536
Zinkhan, F. C. 1848
Živanov, N. 3592-3593
Znerold, R. M. 2679
Zobeck, T. M. 3946
Zobeiry, M. 4840, 4885
Zobel, A. M. 6391
Zobel, B. J. 282, 5233
Zobel, D. B. 1004
Zobel, M. 428
Zoettl, H. W. 3611
Zona, S. 326, 908, 4369, 5034
Zoomer, H. R. 7715
Zöttl, H. W. 3611, 5731
Zou, K. M. 488
Zou, Q. 4697
Zou, X. M. 411, 7342
Zoysa, A. K. N. 7594
Zsuffa, L. 4693, 6204
Zu, Z. H. 4375
Zuanni, F. 5445
Zubari, S. M. 8034
Zube, E. H. 4217, 7380
Zubkova, T. I. 7250
Zuchowski, J. 2663, 7654
Zucker, A. 809
Zülge, J. 696
Zumr, V. 1666, 2435, 7221
Zungoli, P. A. 8026
Zuo, H. Y. 6818
Zurina Mahmud 5067
Zwiazek, J. J. 1417, 2115, 3597-3598, 7720
Zwieniecki, M. 7900
Zwirglmaier, G. 43
Zwolinski, J. B. 5518
Zygomala, A. M. 7108

# SUBJECT INDEX


**'439' Pruner** 48, 157
***Abelia,*** wood anatomy 321
***Abies***
chemotaxonomy 2930
cycling 3640, 5589
dieback 7899
distribution 3799
enzymes 5795
epidermis 16
foliage 16, 2704
forest influences 3640
German Federal Republic 1719, 6078
insect pests
*Choristoneura* 1682, 2457
*Scolytus* 2433
*Zeiraphera* 5941
phenolic compounds 2930
plant physiology 5795
provenance 2613
resin tapping 2704
resins 2704
rotations 202
sanitation fellings 2457
taxonomy 5144
thinning 2457
weed control 5589
yield forecasting 202
***Abies alba***
acid rain 269, 3609
air pollution 2362, 4019, 4954, 4967-4968, 5812, 7758-7759
biomass 5642
canopy 952
cattle 3162
cleaning 3465
competition 7548
crown 7759
cycling 2831
damage 4976, 4978
deer 2469, 3162, 5348, 5994
defoliation 5805, 7759
dendrochronology 4019, 8180-8181
dendroclimatology 1140, 2967, 8182
density 5812
diameter 5638
dieback 289, 600, 843, 925, 1437, 1577, 2766, 2967, 3609, 3756, 4019, 4886, 4954, 5796, 5805, 5809, 5812, 7755, 7897, 7900
distribution 965
drought injury 5724, 5812
electrical phenomena in trees 4912, 5481
foliage 914, 4967-4968, 7816
forest litter 2801
form factors 7608
frost injury 1393, 2782
fungi 2362
German Federal Republic 7470
ground vegetation 4400
growth rings 843, 2967
height 5638
honeydew 3491
hybrids 1616
increment 1140, 2581, 4199, 4853, 5805, 8180
insect pests
*Megastigmus* 3069
*Resseliella* 3069
light 952
logging 4978
mechanics 4192
microclimate 7548
mistletoes 6376, 6525
mixtures 3465, 4161-4162, 4199, 4853, 5569-5570, 5616, 7805
natural regeneration 3162, 4199, 7900, 8107
nature conservation 5348
nurseries 4162
nutrient deficiencies 3609
phenology 1393
photosynthesis 5796
plant disorders 2782, 5481, 5805
***Abies alba*** *cont.*
plant physiology 914
planting stock 4162
pollen 269
polluted soils 6777
remote sensing 4886
roots 5642
sapwood 1437
seedlings 1631
seeds 630, 7968
shelterwood 7532
silvicultural systems 109, 5569-5570
silviculture 6376
skidding 4978
snow 4192
soil fauna 4933
soil water 5724
Spain 6376
stand characteristics 5569-5570
thinning 4795
throughfall 2831
underplanting 6781
vegetation types 564, 965
volume determination 7608
waxes 7816
wood chemistry 1555
wood moisture 1437
wood properties 289
yield tables 4795
***Abies amabilis***
air pollution 1213, 3620
biomass 5659
drought resistance 2788
fungal diseases, *Heterobasidion* 1633
increment 268, 3511, 3517
irrigation 2788
microclimate 2788
palaeoecology 4378
plant nutrition 268
pollen 4378
provenance 2613
reproductive behaviour 369
seedlings 2788
silviculture 3466
stand characteristics 4378
thinning 1633
***Abies balsamea***
air pollution 4960
biomass 3519, 5647
browse 1092
chemotaxonomy 5061
chlorosis 7899
Christmas trees 89, 160, 6263, 8015
clear felling 1092
competition 359, 2001
cycling 1403
dieback 237
electrical phenomena in trees 5096
evaporation 2089
fertilizers 70, 89, 91, 4751
foliage 1539, 3497, 5248
forest litter 5647
fungal diseases 479, 5199
*Uredinopsis* 8015
fungi 5248
gene flow 1015
growth regulators 5799
heavy metals 5687
increment 3526
insect pests
*Choristoneura* 214, 501, 3284, 3900, 5937, 7207
*Lambdina* 524, 7265, 8088
*Orgyia* 7264
*Paradiplosis* 520
insecticides 1678, 5969
juvabiones 5061
mixtures 5573
mortality 3284, 4800, 5199
natural regeneration 115, 4770, 5573
natural thinning 4800
photosynthesis 359
plant composition 1539
plant nutrition 2132, 3573
***Abies balsamea*** *cont.*
plant physiology 2689
precipitation 2089, 2132, 3573
provenance 1203
pruning 160, 5096
remote sensing 214, 5687, 5690
roots 237
seed banks 4714
seeds 70
sesquiterpenoids 5061
site class assessment 3519, 4854
snow 6909
soil chemistry 1403, 3586, 4919
soil temperature 6909
soil water 6909
stand characteristics 962, 5195, 5573
synecology 957, 5195
thinning 359, 2689
throughfall 2089, 3573
underwood 1603
volume tables 176-177
weed control 1092, 5590
wind damage 2780, 3284, 5199
***Abies bifolia***
chemotaxonomy 5061
juvabiones 5061
sesquiterpenoids 5061
***Abies borisii-regis***
insect pests, Coleoptera 4484
natural regeneration 114
***Abies cephalonica***
German Federal Republic 6078
insect pests, Coleoptera 4484
limonene 1616
provenance 1616
species trials 3337
***Abies cilicica,*** air pollution 1213
***Abies colimensis,*** Mexico 5146
***Abies concolor***
air pollution 1213
arboreta 3337
essential oils 2941
exotics 3337
forest litter 2109-2110
fungal diseases
*Fusarium* 2654
*Heterobasidion* 3868
*Macrophomina* 2654, 7996
German Federal Republic 2614
habit 306
height 6848-6849
insect pests, *Scolytus* 1070
natural regeneration 111
nurseries 2654
pollen 1486, 3680
reaction wood 306
site class assessment 3521
species trials 3337, 4689
stem form 167
synecology 5185
thinning 6240
vegetation types 5846
volume determination 167
wildlife 1093
***Abies concolor*** × ***A. grandis,*** tissue culture 79
***Abies equi-trojani***
distribution 1456
provenance 1616
silvicultural characters 1456, 3673
Turkey 3673
***Abies ferreana,*** dendroclimatology 4574
***Abies firma***
competition 7926
forest litter 248
ground vegetation 1596
growth rings 1334
light 4300
natural regeneration 1596
plant composition 1540
seeds 1540
stand characteristics 143
stem form 1334
vegetation types 1596

***Abies flinckii,*** Mexico 5146
***Abies fraseri***
Acari 7275
acid rain 276
air pollution 3631, 7735
Christmas trees 2021
cycling 1402-1403
dieback 3631
forest recreation 4661
German Federal Republic 6078
grazing 4661
insect pests, *Dreyfusia* 4559
logging 4661
nurseries 2021
plant disorders 3755
plant nutrition 123
plant succession 427
plantations 123
precipitation 7735
seeds 276
soil chemistry 1402-1403
stand characteristics 427, 3755
***Abies georgei,*** nurseries 4119
***Abies gracilis***
birds 539
dead trees 539
***Abies grandis***
air pollution 1213
allelopathy 7102
controlled burning 4993
ferns 7102
forest management 5212
frost resistance 1213
fungal diseases
*Armillaria* 4437
*Phytophthora* 4431
German Federal Republic 2614, 7573
groundwater 7805
height 6848-6849
increment 3511, 4689, 5652, 7573
insect pests
*Choristoneura* 3927, 7208
*Coleophora* 3092
leaf area index 5784
logging 3820
methodology 5784
mixtures 7805
natural regeneration 3820
plant composition 353
plant succession 5212
provenance 2613, 4070, 7461
pseudogleys 7805
reproductive behaviour 369
root systems 7805
sandy soils 4689
spacing 5652
species trials 4689
synecology 7087
thinning 5652
underwood 3820
wind damage 4689
yield tables 6871
***Abies holophylla***
birds 539
dead trees 539
fungal diseases, *Uredinopsis* 3875
***Abies homolepis***
air pollution 1213
frost resistance 1213
fungal diseases, *Melampsorella* 1058
witches' brooms 1058
***Abies kawakamii***
wood anatomy 6399
wood chemistry 6399
***Abies lasiocarpa***
allelopathy 7102
chemotaxonomy 5061
controlled burning 2869
ferns 7102
forest recreation 7359
fungal diseases, *Armillaria* 4437
growing media 93
insect pests, *Choristoneura* 3095, 7208
juvabiones 5061
lasiocarpenonol 7860
palaeoecology 4378
pollen 4378
reproductive behaviour 369
sesquiterpenoids 5061, 7860
silviculture 6819
stand characteristics 4378, 4389
***Abies lasiocarpa*** *cont.*
synecology 4389
vegetation types 5846
wind damage 2787
***Abies magnifica***
buds 5095
dormancy 5095
fungal diseases
*Macrophomina* 7996
*Phytophthora* 4431
increment 5652
insect pests, *Scolytus* 1070
natural regeneration 111, 1283, 5203
spacing 5652
stand characteristics 5203
thinning 5652, 6240
wildlife 1093
***Abies mariesii***
light 2280
mortality 7079
natural regeneration 415, 2280, 7079
plant succession 415, 426
pollen 951
recruitment 7079
soil types 2286
subalpine forests 414-415
synecology 414, 951, 2280
vegetation types 2286
***Abies nephrolepis***
mixtures 7622
recruitment 7622
stand characteristics 7622
wood anatomy 2580
***Abies nordmanniana***
air pollution 1213
Christmas trees 2019
cut foliage 2019
fertilizers 2019
foliage 4248
German Federal Republic 2614
pruning 2019
roundwood 5635
species trials 3337, 4689
storage 5635
tissue culture 2019
volume 5635
weight 5635
***Abies pindrow***
foliage 2134
plant composition 2134
***Abies pinsapo***
humus 1405
sesquiterpenoids 5060
soil structure 1405
***Abies procera***
air pollution 1213
buds 5095
Christmas trees 2019
composts 1953
cut foliage 2019
dormancy 5095
German Federal Republic 2614, 6078
nurseries 1953
plant nutrition 1953
provenance 2613
soil chemistry 1953
tissue culture 2019
***Abies sachalinensis***
cankers 8010
dendrochronology 1801
genetics 238
groundwater 793
growth rings 1801
increment 7631, 7925
natural regeneration 3818
photosynthesis 358
resin canals 8010
respiration 358
seedlings 358
stand characteristics 7925
wind 238
***Abies sibirica***
pulpwood production 6807
yield forecasting 2743
***Abies veitchii***
air pollution 1213
frost resistance 1213
German Federal Republic 2614
mortality 7079
natural regeneration 7079
plant succession 426
***Abies veitchii*** *cont.*
recruitment 7079
soil types 2286
vegetation types 2286
**Abscission** 1570
***Abutilon theophrasti***
oils 7007
plant composition 7007
seeds 7007
***Acacia***
afforestation 1710, 5370
agroforestry 3196, 4543
Asia 1823
browse 4520
calorific value 2225
choice of species 58
distribution 6991
flowering 5134
flowers 5134
foliage 2207
hydrology 5211
insect pests 4543
keys 3776
mined land 1710
nurseries 7995
plant anatomy 6991
plant colonization 5211
plant composition 2909
pulpwood production 6792
reclamation 1710, 1713
reproductive behaviour 5134
savannas 7083
seed collection 6147
seed germination 1225
seed sources 6147
seed treatment 1225
seedlings 7995
seeds 2909
silviculture 1820
South Africa 5211
stomata 6991
storage 1225
taxonomy 2207, 2942, 3776
wood chemistry 2225
wood density 2225
woody weeds 5211
***Acacia acatlensis,*** cyanogens 2942
***Acacia albida***
agroforestry 3210, 6053, 7337
autecology 6385
biomass 2805
botany 5769
elephants 6003
fodder 2706
forest litter 2805
genetic resources 6385
insect pests, Bruchidae 7233
mined land 7317
nitrogen fixing trees 5769
nurseries 5532
provenance 5532, 6385
reclamation 7317
root nodules 5532
silviculture 5769
soil chemistry 7317
species trials 3210
uses 5769
variation 5532
Zambia 7337
***Acacia ampliceps,*** salt tolerance 2253
***Acacia aneura***
fodder 7595
mycorrhizas 5251
rangelands 5984, 5988
***Acacia angustissima,*** fodder 7595
***Acacia aphanoclada***
seed germination 6727
seed treatment 6727
***Acacia atkinsiana***
seed germination 6727
seed treatment 6727
***Acacia aulacocarpa***
fertilizers 5564
nurseries 5564
root nodules 5564
seed collection 6150
seedlings 5564
soil amendments 5564
***Acacia auriculiformis***
agroforestry 2546
alkaline soils 5781

***Acacia auriculiformis*** *cont.*
allelopathy 3826
bacteria 7988
biomass 3331, 4860
botany 5770
choice of species 49
fertilizers 5564
foliage 2609
forest fires 1843
forest influences 2172
frost resistance 7676
fuelwood 2745, 3331
fungal diseases 2404, 7145, 7995
grasses 3826
increment 2745, 7468
Indonesia 2609, 3331
multipurpose trees 7468
mycorrhizas 1049
nitrogen fixation 7988
nitrogen fixing trees 5770, 5873
nurseries 1268, 2404, 5564
plant composition 2609
plantations 1452, 1843
root nodules 3042, 5564, 5873, 7988
root systems 5781
saline soils 5781
salt tolerance 2253
seed collection 6150
seed germination 3826, 4711, 6725
seed treatment 4711, 6725
seedlings 802, 3826, 5564
seeds 7145
shelterbelts 5376
silviculture 5770
soil amendments 5564
soil chemistry 241, 802
spacing 4860
species trials 3331, 3349, 6712-6713, 7468
symbiosis 7988
tissue culture 4729
uses 5770
vegetative propagation 645
weeds 1452
weight tables 2042
yield tables 2745
***Acacia baileyana,*** choice of species 58
***Acacia berlandieri***
cyanogens 2942
species trials 7464
***Acacia binervata,*** choice of species 58
***Acacia bivenosa,*** salt tolerance 2253
***Acacia brevispica***
browse 5337
fodder 5337
plant composition 5337
***Acacia bussei***
agroforestry 1758
biomass 2061
charcoal 1758
increment 1349
multipurpose trees 2061
***Acacia caffra***
cyanogens 2942
glycosides 2942
***Acacia cambagei,*** salt tolerance 2253
***Acacia canescence,*** taxonomy 6446
***Acacia catechu***
alkaline soils 5781
choice of species 6716
fertilizers 6775
insect pests 2418
*Bruchus* 2437
nurseries 6775
plantations 6716
root systems 5781
saline soils 5781
seed collection 1892
seed germination 1892
seed treatment 1892
seedlings 6775
seeds 1892, 2418, 2437
species trials 6132
***Acacia caven***
agroforestry 7334
Chile 7334
espinal 7334
***Acacia chariessa,*** cyanogens 2942
***Acacia chundra,*** synecology 7782, 7943
***Acacia cincinnata***
choice of species 4064
***Acacia cincinnata*** *cont.*
fuel plantations 4064
***Acacia citrinoviridis***
seed germination 6727
seed treatment 6727
***Acacia collinsi***
evolution 2441
waxes 2441
***Acacia confusa***
fibres 6415
reaction wood 6966
vegetation types 6471
wood chemistry 6415, 6966
***Acacia coriacea***
seed germination 6727
seed treatment 6727
***Acacia coulteri,*** cyanogens 2942
***Acacia crassicarpa***
multipurpose trees 3339
seed collection 6150
Vanuatu 3339
***Acacia cundinamarcensis,*** taxonomy 6446
***Acacia cyanophylla***
dunes 2493-2494
erosion control 2493-2494
Ethiopia 1296
foliage 2183
forest fires 2183
saline soils 678
shelterbelts 4533
***Acacia cyclops***
control 2002
dunes 3948
multipurpose trees 1867
seed banks 2002
seeds 4785
woody weeds 4785
***Acacia dealbata***
choice of species 58
Nepal 1877
weeds 2000
***Acacia deanei***
foliage 7726
plant composition 7726
***Acacia decurrens***
choice of species 58
farm forestry 7326
hydrology 7784
site class assessment 2067
***Acacia distans***
seed germination 6727
seed treatment 6727
***Acacia effusa***
seed germination 6727
seed treatment 6727
***Acacia ehrenbergiana***
soil chemistry 4913
soil physics 4913
soil water 4913
***Acacia erioloba***
elephants 6003
gums 1509
plant composition 1509
***Acacia falciformis,*** choice of species 58
***Acacia farnesiana***
enzymes 1164
foliage 7726
phenology 1901
plant composition 7726
seed germination 1901
species trials 7464
taxonomy 2275
weed control 5592, 7554
***Acacia gerrardii***
bark 1549
plant composition 1549
***Acacia glaucocaesia***
seed germination 6727
seed treatment 6727
***Acacia gourmensis,*** browsing damage 3932
***Acacia greggii,*** cyanogens 2942
***Acacia hamersleyensis***
seed germination 6727
seed treatment 6727
***Acacia harpophylla,*** salt tolerance 2253
***Acacia hebeclada***
gums 1509
plant composition 1509
***Acacia hereroensis***
cyanogens 2942
glycosides 2942
***Acacia holosericea***
agroforestry 3210
climate 2090
fungal diseases 7145
India, Tamil Nadu 1870
maps 2090
seed germination 6725
seed treatment 6725
seeds 7145
species trials 3210
***Acacia horrida***
autecology 2190
browse 2197-2198, 2298, 5986, 6267
canopy 6366
coppice 6267
fodder 2190, 2197-2198, 2298, 6267
foliage 6267
forest influences 6366
phenology 2190, 2197-2198
plant composition 2197-2198, 2298
rangelands 5986
seed germination 2622
seed treatment 2622
seedlings 2190
seeds 2190
synecology 2298, 6366
taxonomy 2190
***Acacia karroo***
browse 3485, 8091
browsing damage 1006
carbohydrates 2870
competition 1006
defoliation 3485
goats 3485, 8091
gums 1509
phenology 2870
plant composition 1509
plant nutrition 2870
plant water relations 2870
rangelands 5989, 8091
***Acacia klugii,*** cyanogens 2942
***Acacia koa***
defoliation 691
fertilizers 691
thinning 691
***Acacia laeta,*** vegetation types 5180
***Acacia lenticularis***
Acari 5912
insect pests
Cerambycidae 5912
*Indarbela* 5912
*Myllocerus* 5912
nurseries 5912
plant composition 2909
seeds 2909
shade trees 5912
***Acacia leucophloea***
browse 5983
plant composition 5983
***Acacia longifolia***
biological control 2395
choice of species 58
control 5595
dunes 3948
foliage 2395
fungal diseases, *Cylindrocladium* 2395
***Acacia mangium***
agroforestry 6049
bacteria 7988
botany 6985
choice of species 4072, 5533
cleaning 3469
Costa Rica 1861
decay 5066
economics 3300
fertilizers 5564
foliage 2609
fuelwood 3331
fungal diseases
*Calonectria* 7995
*Glomerella* 7995
*Phoma* 7995
growing media 7528
increment 1861
Indonesia 2609, 3331, 5533
insect pests 3062
*Leucopholis* 3915
Malaysia 3300
multipurpose trees 3339
mycorrhizas 1049
Nematoda 1078

***Acacia mangium*** *cont.*
nitrogen fixation 7988
nitrogen fixing trees 6985
nurseries 1268, 5564
plant composition 2609
plantations 1452, 3299, 6791
private forestry 3299
provenance 1861, 4072, 7462
pulpwood production 6792
root nodules 5564, 7988
seed collection 6150
seed germination 1909
seedlings 3915, 5564
seeds 7462
silviculture 3469, 4072, 6985
site preparation 6049
soil amendments 5564
spacing 7568
species trials 3331, 3349, 7568
symbiosis 7988
taungya 6049
tending 3469
thinning 3469
tissue culture 4729
uses 6985
Vanuatu 3339
volume tables 733
weeds 1452
wood chemistry 5066

***Acacia mearnsii***
agroforestry 4543
bacterial diseases 5903
choice of species 58
composts 6767
distribution 4695
electrical phenomena in trees 5794
farm forestry 7326
fertilizers 2639, 5564
fungal diseases 7145
growing media 6767
inbreeding 5857
increment 5794
India, Uttar Pradesh 6005
insect pests 4543
Nepal 1877
nurseries 5564
plant composition 2909
provenance 4695
root nodules 5564
seedlings 5564
seeds 2909, 7145
soil amendments 5564
weeds 2000

***Acacia melanoxylon***
biochemistry 1537
choice of species 58
electrical phenomena in trees 5794
frost resistance 4690
fungal diseases
*Fusarium* 7995
*Glomerella* 7995
increment 5794
New Zealand 1821
nurse trees 4783
plant colonization 4783
provenance 4690
silviculture 1821
South Africa 4783
species trials 3281
wood chemistry 1525, 1537
wood properties 2168
woody weeds 4783

***Acacia mellifera***
agroforestry 3210
biochemistry 1563
control 2867
controlled burning 2867
species trials 3210

***Acacia mollissima*** *(see Acacia mearnsii)*

***Acacia montana***
branches 2031
growth regulators 2031
lac 2031

***Acacia myrtifolia,*** inbreeding 5857

***Acacia nigrescens***
browse 8092
foliage 8092
goats 8092
phenology 1455
plant composition 8092
rangelands 8092

***Acacia nilotica***
agroforestry 6017, 8159
alkaline soils 5516, 5781
aquaculture 5369
arid regions 5727-5728
autecology 2190
biomass 2057
browse 2298, 5983, 5986
choice of species 5516
fauna 2857
firebreaks 3663
flowering 3767
flowers 3767, 6838
fodder 2190, 2298
fuel plantations 2057
ground vegetation 3663
gums 161
increment 1306, 1351-1352
India, Uttar Pradesh 6005
Indonesia 2554
insect pests
Bruchidae 7233
*Callosobruchus* 7233
*Chilades* 7233
irrigation 612, 1994
medicinal plants 6838
Nigeria 2857
phenology 2190
photosynthesis 5727
plant anatomy 2216
plant composition 2057, 2298, 5983
pollen 3767
pollination 3767
provenance 1869
rangelands 5986
reclamation 2519, 6017
root systems 5781
saline soils 5516, 5781
seed germination 636, 1234, 4706, 4711
seed treatment 636, 1234, 4706, 4711
seedlings 802, 2190
seeds 1869, 2190, 3767, 4706
silviculture 1352
site class assessment 1351
soil chemistry 802
soil pH 8159
species trials 6132
synecology 2298
taxonomy 2190
thinning 1306
tissue culture 4729
water conservation 8159
water stress 5727-5728
weed control 7550
weeds 2554, 3663

***Acacia nubica***
autecology 2190
browse 2197-2198, 2298
fodder 2190, 2197-2198, 2298
phenology 2190, 2197-2198
plant composition 2197-2198, 2298
seed germination 2622
seed treatment 2622
seedlings 2190
seeds 2190
synecology 2298
taxonomy 2190

***Acacia paradoxa,*** inbreeding 5857

***Acacia pennata,*** taxonomy 6446

***Acacia planifrons***
seed germination 1906
seed treatment 1906

***Acacia polyacantha,*** shifting cultivation 1764

***Acacia pubirhachis,*** Papua New Guinea 6150

***Acacia pulchella***
natural regeneration 5579
seed germination 5579

***Acacia pycnantha,*** inbreeding 5857

***Acacia raddiana***
fodder 2706
geology 7951
plant composition 7951
vegetation types 7951

***Acacia reficiens***
bark 7609
biomass 7609
rangelands 3158
wood density 7609

***Acacia retinodes***
choice of species 58
inbreeding 5857
reproductive behaviour 2265

***Acacia rigidula,*** species trials 7464

***Acacia robusta***
gums 1509
plant composition 1509

***Acacia roemeriana,*** cyanogens 2942

***Acacia salicina***
agroforestry 3210
species trials 3210

***Acacia saligna***
agroforestry 3210
choice of species 58
dunes 3948
forest management 6288
multipurpose trees 1867
seeds 4785
species trials 3210
woody weeds 4785

***Acacia senegal***
agroforestry 1758
browse 2197-2198, 2298
charcoal 1758
choice of species 5624
control 2867
controlled burning 2867
dunes 1708
fodder 2197-2198, 2298
gums 5624
insect pests, Bruchidae 7233
phenology 2197-2198
plant composition 2197-2198, 2298, 2909, 6943
plant nutrition 6943
plus trees 5863
seeds 2909
soil chemistry 1708
soil physics 1708
Sudan 5624
synecology 2298
tree breeding 5863
variation 5863

***Acacia seyal***
botany 5002
multipurpose trees 5002
Sudan 5002

***Acacia sieberiana***
browse 6601
elephants 6601
plant succession 5987
rangelands 5987
weed control 5987

***Acacia silvestris,*** choice of species 58

***Acacia smallii*** *(see Acacia farnesiana)*
competition 3016
fertilizers 3016
grasses 3016
light 2776
plant nutrition 3016
roots 2776

***Acacia stenophylla,*** salt tolerance 2253

***Acacia stuhlmannii***
agroforestry 3210
species trials 3210

***Acacia suaveolens***
seed dispersal 2971
seed predation 2971

***Acacia suma***
plant composition 2909
seeds 2909

***Acacia sutherlandii***
biochemistry 1545
foliage 1545
plant composition 1545

***Acacia synchronicia***
seed germination 6727
seed treatment 6727

***Acacia tenuissima***
seed germination 6727
seed treatment 6727

***Acacia terminalis,*** inbreeding 5857

***Acacia tortilis***
afforestation 8109
agroforestry 1748-1749, 1758, 3210, 4399, 8160
browse 2298, 5986, 8092
charcoal 1758
control 2867
controlled burning 2867

***Acacia tortilis*** *cont.*
dams 4399
dunes 1708, 8109
elephants 6003
erosion control 8109
fodder 1749, 2298
foliage 8092
forest influences 4304
fuelwood 1749
goats 8092
gums 1509
mycorrhizas 5251
plant composition 1509, 2298, 2909, 8092
rangelands 5986, 8092
reclamation 8109
seeds 2909
soil chemistry 1708, 8160
soil physics 1708
species trials 3210
synecology 2298
vegetation types 4399
wood density 7609
***Acacia tortuosa,*** taxonomy 2275
***Acacia trachycarpa***
seed germination 6727
seed treatment 6727
***Acacia ulicifolia,*** inbreeding 5857
***Acacia verniciflua,*** choice of species 58
***Acacia villosa***
agroforestry 6032
choice of species 6032
insect pests, *Heteropsylla* 6541
***Acacia wanyu***
seed germination 6727
seed treatment 6727
***Acacia welwitschii,*** cyanogens 2942
***Acacia wrightii,*** species trials 7464
***Acacia xiphophylla***
seed germination 6727
seed treatment 6727
***Acacia zanzibarica***
bark 7609
biomass 7609
wood density 7609
**Acanthaceae**
taxonomy 5034
wood anatomy 5034
***Acantholyda*** 7255
***Acantholyda posticalis*** 521
***Acanthopanax sciadophylloides,*** wood anatomy 313
***Acanthus ilicifolius***
foliage 5017
plant composition 1562
plant physiology 1562
plant water relations 1562
salt tolerance 5017
**Acari** 3132, 3406, 3920, 4503, 5912, 5964-5965, 7229
books 6657
**Acaricides** 3132, 6576, 7257
***Acaulospora taiwania*** 7134
**Accidents** (*see* Safety)
**Acclimatization** 2949, 3245, 3745, 5164
**Accounting** 6315
***Acer***
damage 4978
dormancy 3355
edible fungi 6844
enzymes 5795
forest litter 3591, 6334
grain and figure 7006
habit 7799
insect pests
*Hyphantria* 5315
*Pulvinaria* 3082
logging 4978
plant physiology 5795
ploidy 6506
reclamation 4535
seeds 3355
skidding 4978
soil biology 6334
soil chemistry 6919, 7699
soil fungi 2812
taxonomy 6506
***Acer buergerianum,*** landscape 7362
***Acer caesium,*** chromosomes 6506
***Acer campestre***
bonsai 2562
***Acer campestre*** *cont.*
crown 2292
foliage 2562
mulching 1293
Romania 3296
seed treatment 6154
stand characteristics 2292
***Acer circinatum,*** control 1997
***Acer ginnala***
landscape 7362
seed treatment 6154
***Acer heldreichii,*** chromosomes 6506
***Acer hyrcanum,*** chromosomes 6506
***Acer macrophyllum***
artificial regeneration 3021
diameter 3494
epiphytes 1005
height 6848-6849
insect pests, *Trypodendron* 3117
natural regeneration 3021
stumps 3494
***Acer mono***
Acari 5964
acid rain 272
fibres 1475
wood anatomy 313
***Acer monspessulanum,*** chromosomes 6506
***Acer negundo***
air pollution 2843
foliage 2685
forest litter 2111
growth regulators 5799
herbicides 2685
insect pests, *Prionoxystus* 3902
intensive silviculture 4766
ornamental woody plants 6650
seed dispersal 5824
seed treatment 6154
***Acer oblongum,*** tannins 2935
***Acer opalus***
acid rain 6946
air pollution 6946
chromosomes 6506
foliage 6946
plant composition 6946
***Acer palmatum***
air pollution 7753
fertilizers 2825
insect pests, *Periphyllus* 5919
mineral oils 5334
ornamental woody plants 5334
plant nutrition 2825
seed treatment 6154
seedlings 2825
***Acer pensylvanicum***
foliage 371
seeds 371
***Acer pentapomicum,*** chromosomes 6506
***Acer platanoides***
callus 5041
crown 2966
cytology 2781
dikegulac 5101-5102
dormancy 1893
flavanols 5790
foliage 2830
German Federal Republic 1297
growth models 6642
growth regulators 1893, 5799
heat injury 2781
increment 6642
mulching 5436
ornamental woody plants 7370
plant composition 2830
plant disorders 2966
planting stock 7370
pruning 5101-5102, 5429, 7370
Romania 3296
roots 5436
seed germination 1893
seed treatment 6154
seeds 1893
shelterbelts 6616
transplanting 7368
urban forestry 6642
wounds 5041, 5429
***Acer pseudoplatanus***
abscission 1570
acylglycerols 4347
amelioration of forest sites 681
***Acer pseudoplatanus*** *cont.*
biochemistry 917, 919-920, 2953, 2964, 4347, 7048
buds 913
cambium 2211
canopy 952
carbon dioxide enrichment 849
cattle 3162
cell walls 2211
chromosomes 6506
crown 2966
cytology 917-920, 922, 2211, 2939, 2953, 2961, 2964
deer 2469, 3162
defoliation 2561
enzymes 918, 921
fertilizers 3411
flowers 3768
foliage 849
fruit 3768
German Federal Republic 1297, 1721
growth regulators 922, 2964
hemicelluloses 2211
herbicides 7048
insect pests, *Synanthedon* 5967
light 952
lipids 4347
mixtures 4126
natural regeneration 3162, 8107
nurseries 2561, 3411
phloem 2211
plant composition 913, 921, 2939
plant disorders 2966
plant physiology 2961, 7048
polluted soils 6777
reproductive behaviour 3768
seed treatment 6154
seedlings 1631
seeds 2950
sex 3768
soil amendments 681
stomata 849
UK 4165
underplanting 4163
weed control 2688
wind damage 4908
wood chemistry 2211
xylem 2211
xyloglucans 5071
***Acer rubrum***
acclimatization 3245
acid rain 836, 2149
air pollution 2149
bacterial diseases 2400
bark 5909
biomass 196
crown 5641
cycling 3616, 4948, 6349
dead trees 4948
dikegulac 5101-5102
discoloration 5909
fertilizers 2797
flurprimidol 5100
foliage 2884, 3497
forest litter 3616
growth models 6642
growth regulators 7049
increment 3525-3526, 4247, 6642
insect pests
*Lymantria* 6543
*Prionoxystus* 3902
ionizing radiation 3616
leaf area index 5783
mortality 7953
mulching 5436
natural regeneration 1010, 2780, 7953
nurseries 3241, 6898
nutrient deficiencies 4949
optical properties 3277
ornamental woody plants 3245, 6898, 7378
plant composition 909
plant succession 2314, 7953
plant water relations 4247, 4936
pollen 836
pruning 5101-5102
roots 4247, 5039, 5436
soil chemistry 2797
stand characteristics 1010, 3525
stemflow 4948
synecology 957, 7086

***Acer rubrum*** *cont.*
temperature 4247
tissue culture 4733
transplanting 7368
urban forestry 6642
wounds 5909
***Acer saccharinum***
chlorosis 4950
fertilizers 4950
flooding 3602
growth models 6642
increment 6642
intensive silviculture 4766
mined land 7319
nutrient deficiencies 4950
plant succession 2314
planting season 100
planting stock 100
reclamation 7319
roots 4319
soil compaction 7319
stand characteristics 5368
street trees 4950
urban forestry 6642
vegetation types 3602
wildlife 5368
***Acer saccharum***
acid rain 2149
air pollution 2149, 3635, 7766
aluminium 3599
arthropods 7175
biomass 196, 6682
birds 7175
control 4778, 5591
crown 2966, 5641
cycling 2123, 3616, 3636
cytology 5027
dieback 366, 2834, 2966, 3759
fertilizers 1257
foliage 7203
forest litter 3616
glacial soils 4916
group fellings 4768
growth models 6642
increment 1715, 3526, 6642, 6867
insect pests, *Heterocampa* 7203
ionizing radiation 3616
light 4903
mineral oils 5334
mulching 5436, 6224
mycorrhizas 5877
natural regeneration 115, 1285, 2780, 2789, 4395, 4903, 5213, 5218
nutrient deficiencies 2834, 3759, 4949, 7694
optical properties 3277
ornamental woody plants 3238, 5334
plant composition 2915, 5027, 7731
plant disorders 2966
plant nutrition 7731
plant succession 2314, 5218, 6480, 6483
plant water relations 2822-2823, 4916
planting 6224
reclaimed land 1715
roots 2123, 5436
shoot cuttings 3238
site preparation 6224
soil chemistry 2103, 3586, 3636, 4919, 7694-7695, 7731
soil texture 4916
soil toxicity 3599
soil water 4916
stand characteristics 1285, 5213, 7089
stomata 1715
synecology 3817, 6483
thinning 4768
transplanting 7368
underwood 1603, 7097
urban forestry 6642
wind damage 2780
wood chemistry 7766
yield tables 6867
***Acer sieboldianum,*** stand characteristics 397
***Acer syriacum,*** chromosomes 6506
***Acer tataricum,*** seeds 1227
***Acer theiferum,*** pollen 4358
***Acer trautvetteri,*** chromosomes 6506
***Acer triflorus,*** landscape 7362
***Acer truncatum,*** humus 4921
***Acer velutinum,*** chromosomes 6506
***Aceria ulmi*** 3132
**Acid rain**
Austria 6333, 7769
books 4011
Brazil 4625
Canada 4011
New Brunswick 3637-3638
Ontario 3636
chemistry 2865
China 2836
conferences 3270-3271
damage 272, 367, 1424, 2144-2145, 2149, 4283, 4955, 5744, 6956, 6963, 7736, 7756
ecology 276, 1062, 1424, 2831, 2836, 2849, 3270, 3609, 3612, 5324, 6333, 6536, 6914, 7165, 7756, 7764, 7768-7770
Europe 367, 3609
German Democratic Republic 2850, 6956
German Federal Republic 2831, 3630, 4966, 5745, 6914-6915, 6954-6955, 7891
habit 4973
increment 1424, 4283, 4973, 7736, 7756
Japan 272
Korea Republic 2865
methodology 3280, 4625
plant physiology 269, 784, 836, 1430, 2144, 2848, 3280, 3599, 3619, 3633, 3638, 3640, 4955-4956, 5556, 6950, 6953, 7754, 7891
reviews 3630, 3639
simulation 6956
Sweden 7768, 7770
UK 1424, 2142, 6962-6963
USA 833, 2849, 3633, 3640-3641, 4011
Maine 3634
New York 3612
North Carolina 276
Virginia 6353
Wisconsin 7766
water pollution 851, 2838, 2850
wood properties 7766
Yugoslavia 4953-4954
***Acidosasa,*** taxonomy 3770
***Acmena smithii***
light 6906
nutrient uptake 6906
photosynthesis 6906
***Acnistus arborescens,*** agroforestry 560
***Acrantus vestitus*** 8060
**Acrididae** 2857
***Acrobasis rubrifasciella*** 1065
***Acronychia pedunculata***
alkaloids 6403
ketones 6403
medicinal plants 6403
***Acrostichus*** 1075
***Actebia fennica*** 2431
***Actinidia arguta***
flavanols 5790
pollen 4358
***Actinodaphne lancifolia***
foliage 2921
lactones 2921
***Actinodaphne longifolia***
amides 7857
lactones 3730
lignans 2944
phenolic compounds 7857
***Actinodaphne madraspatana,*** insect pests 1649
***Actinodaphne speciosa***
alkaloids 7878
foliage 7878
**Actinomycetales,** reviews 3879
***Adansonia digitata***
calcium 7012
foliage 7012
forest influences 4304
Kenya 395
Mali 395
medicinal plants 7012
mucilages 7012
plant physiology 7884
seedlings 7884
***Adansonia digitata*** *cont.*
seeds 7884
Sudan 395
Tanzania 395
Zambia 395
***Adelges japonicus*** 4464
***Adelopus*** (*see Phaeocryptopus)*
***Adenanthera microsperma,*** agroforestry 1122
***Adenanthera pavonina***
fodder 7467
species trials 7467
***Adhatoda vasica***
irrigation 612, 1994
medicinal plants 2235
plant composition 2235
plant morphology 2235
***Adhatoda zeylanica,*** pollination 6436
***Adina cordifolia***
medicinal plants 1528
synecology 5183
wood chemistry 1528
***Adina polycephala,*** synecology 406
**Administration** (*see* Forest administration)
**Advance growth** (*see* Natural regeneration, advance growth)
**Advisory services** (*see* Extension)
***Aegiceras corniculatum***
artificial regeneration 2306
keys 3009
maps 3009
natural regeneration 2306
synecology 3009
***Aepyceros melampus*** 4520
**Aerial photography** (*see* Remote sensing)
***Aesculus***
frost injury 3279
fungal diseases 3279
insect pests, *Pulvinaria* 3082
landscape 1799
ornamental woody plants 1799
remote sensing 4881
wood defects 3279
***Aesculus carnea,*** landscape 7362
***Aesculus chinensis***
cell walls 6999
pollen 4358
***Aesculus flava***
genetics 2353
hybrids 2353
***Aesculus hippocastanum***
crown 2966
embryo culture 7968
flavanols 5790
growth regulators 1912
plant disorders 2966
seedlings 6397
tissue culture 1912, 7968
tree surgery 8176
wounds 8176
***Aesculus indica***
direct sowing 4705
plantations 4705
seed germination 4705
***Aesculus parviflora***
nurseries 2644
seed germination 2644
vegetative propagation 2644
***Aesculus pavia***
genetics 2353
hybrids 2353
***Aesculus punduana***
edible species 1489
seeds 1489
***Aesculus sylvatica***
autecology 2310
genetics 2353
hybrids 2353
phenology 2310
***Aesculus turbinata***
fibres 7823
palaeoecology 401
wood anatomy 313
***Aextoxicon punctatum***
seed production 6435
vegetation types 6631
**Afforestation** (*see also* Plantations; Planting)
Africa 4891
agricultural land 1115, 1865, 2063, 2525, 3179-3180, 7712

**Afforestation** *cont.*
alkaline soils 5516
arid regions 1114, 3177, 4849, 5515, 6713
Australia 1710
Victoria 1820, 8123
Bolivia 5370
books 1814
calcareous soils 440
Canada 4782
Newfoundland 1292
China 1114, 4546, 8125
Jiangsu 1859
Nei Menggu 4272, 6289
coastal areas 1859, 8125
Costa Rica 4676
dunes 441, 1114, 1708, 2492-2494, 2521, 3170, 3174, 3790, 3948, 3950, 5515, 6079, 6289, 7781, 8109, 8124
economics 3179, 3313, 4891
eroded soils 440, 3947, 5370, 5378, 5872, 6006, 6079
Ethiopia 7351
European Communities 6623
Finland 6209
German Democratic Republic 6251, 7517
German Federal Republic 545, 1297, 1717-1721, 2673, 3163, 3179, 4137, 5581
grasslands 863, 1987, 3431
heathland 1292
history 4137
India 2589, 4620
Gujarat 6062
Orissa 1841
Uttar Pradesh 6005
Indonesia 1843, 3967
Japan 229
Kenya 6006
Korea Republic 3947
Lesotho 1847
Malaysia 6791
marginal land 1987, 4137
methodology 1865
mine spoil 553, 7517
mined land 545, 553, 1710, 1712, 2522, 3175
Morocco 3950
mountains 1865, 3163, 6209, 8119
Nepal 1863, 1865, 1976
Nigeria 4891
peatlands 1052, 1717-1719, 4106, 4875, 6799
polluted soils 1297, 1716, 6777
reclaimed land 1715, 1717, 1720-1721
Sabah 3301, 6791
saline soils 678, 2519, 3353, 4620, 5516, 8123
sandy soils 4272, 4689, 5581
slopes 1865, 2673-2674
Solomon Islands 3431
Somalia 3177, 6079
South Africa 3948
Sri Lanka 6713
steppes 6289
stony soils 7542
Switzerland 2525, 3180
Thailand 1731
UK 863, 1115, 1814, 3171, 3790, 3961, 4005, 4140, 4528, 7307
Upland Areas 1814
waste land 1765, 3180, 4081, 4620, 4677, 5378, 5452, 6247, 6618, 7403, 7676, 7680
watersheds 1700, 1865, 1976, 6005, 6609, 7307
wetlands 1297, 4782
**Africa**
*Acacia cyclops* 1867
*Acacia saligna* 1867
afforestation 4891
agroforestry 562, 3196, 3985, 3987, 4591, 4602, 5400, 5454, 7711, 8138
botany 4578-4579
browse 7596
Buxaceae 3769
*Canthium* 6447
*Casuarina cunninghamiana* 1867
**Africa** *cont.*
*Casuarina equisetifolia* 1867
*Casuarina glauca* 1867
choice of species 1867, 2090, 3196
*Clausena anisata* 7025
climate 2090, 6027
cycling 780
deforestation 1730, 4891, 6027
desertification 5454
*Diospyros* 980
erosion control 8138
*Eucalyptus camaldulensis* 1867
farm forestry 4891
flora 4579
fodder 7596
forest management 2602, 3543
fuel plantations 2602
fuelwood 2602
Isoptera 7186
*Keetia gueinzii* 6447
multipurpose trees 1867
Palmae 562
provenance 5532
*Psydrax* 6447
*Pterocarpus tessmannii* 980
rain forests 780
savanna woodlands 780
seeds 6740
shelterbelts 4891
shifting cultivation 3191
soil types 7711
sustainable land use 3543
vegetation types 780, 7711
***Afrormosia*** **(*see Pericopsis*)**
***Afzelia africana***
browsing damage 3932
mycorrhizas 5882
***Afzelia quanzensis***
fruit 1529
plant composition 1529
seeds 1529
***Afzelia xylocarpa***
insect pests 2418
seeds 2418
***Agaricodochium camelliae*** 3060
***Agathis*** **(Araucariaceae),** palaeoecology 402
***Agathis australis***
dendrochronology 572
plant succession 7920
synecology 7920
***Agathis beccarii,*** wood chemistry 4341
***Agathis beckingii,*** wood chemistry 4341
***Agathis celebica,*** wood chemistry 4341
***Agathis labillardierii***
Papua New Guinea 3467
phenology 3467
silviculture 3467
***Agathis macrophylla***
dieback 3870
phenology 4410
provenance 4410
shoot cuttings 4092
tree breeding 4410
vegetative propagation 4410
wind damage 4253
***Agathis pumila*** 3144
***Agathis robusta***
Papua New Guinea 3467
phenology 3467
silviculture 3467
***Agathis vitiensis,*** terpenoids 3708
**Age of trees** 331, 979, 4193, 4207, 5479, 5613, 5637, 6325
***Agelastica coerulea*** 3123
**Aging** (*see* Senescence)
***Aglaia argentea,*** seedlings 2278
***Agonandra brasiliensis***
calorific value 2225
wood chemistry 2225
wood density 2225
**Agriculture/forestry relations** (*see* Agroforestry; Economics, vs. agriculture)
***Agrilus bilineatus*** 3116, 6566
**Agrisilviculture** (*see* Agroforestry)
***Agrobacterium*** 2335, 5858
***Agrobacterium radiobacter*** 1044, 4447
***Agrobacterium tumefaciens*** 2355, 3837, 4447
**Agroforestry** 1125, 3209, 3215, 3968, 3970, 3995, 5395, 5505
(*see also* Artificial regeneration; Shifting cultivation; Taungya)
Africa 562, 3196, 3985, 3987, 4591, 5400, 5454, 7711, 8138
arid regions 6368, 8134
Asia 1741, 3984, 3988, 8138
Australia 1822, 3195
Queensland 1688, 1722, 1762, 3188-3189, 6031, 7348
Victoria 2524
Western Australia 3197, 7347
Bangladesh 1782, 6058, 8151
bibliographies 4594, 4598, 4600, 5459
books 574, 1806, 4013, 4591, 5453-5455, 8158
Brazil 204, 1119-1121, 2769, 3213, 3964, 3975, 3979, 4548
Bulgaria 8157
Burkina Faso 3563
Burundi 1747
Cameroon 3677, 8150
Canada 7282
Central America 3324, 4577, 7346
Chile 4550, 7302-7303, 7334
China 1690, 2547, 4546, 7342
Heilongjiang 3181
Jiangsu 1754
classification 7342
Colombia 4594, 7332, 8132
computer techniques 1763, 1768, 7341
conferences 1157-1158, 1162, 3264, 4602, 5464, 6089, 7395
Congo 7350
Cook Islands 3991, 5475
Costa Rica 560, 1103, 3208, 3951, 3971-3974, 3976-3977, 3979-3983, 3990, 3997-3998, 4577, 5403, 6048, 6050, 7335-7336, 8144
Cuba 3187
data processing 1766
Developing Countries 3960, 3999, 4650, 5393, 7349, 8136
economics 1122, 1124, 1162, 1735-1736, 1762-1763, 1768, 1791, 2545, 2547, 2769, 3181, 3195, 3202, 3205, 3214, 3216, 3324, 3964, 3987-3988, 5384, 5484-5485, 5598, 6033, 6040, 6054, 6627, 6636, 7333, 7345, 7347, 7395, 8126, 8135-8137, 8139-8141, 8151, 8155, 8158
Ecuador 4550, 5384, 8141
Federated States of Micronesia 219-220, 5475, 6894-6895
Fiji 3991, 5475
France 8161
German Federal Republic 8149
Guam 8154
Haiti 3216, 5455
India 1323, 1689, 1692, 1732-1733, 1739, 1746, 1748-1750, 1771, 1823, 2546, 2549, 3174, 3965, 4517-4518, 4547, 4620, 5393, 6618, 6624, 6626, 8147
Andhra Pradesh 5408, 6627, 8160
Gujarat 1765, 8145
Haryana 1751, 1769, 3202, 6017, 6028-6029, 8159
Himachal Pradesh 3211-3212
Indian Punjab 1123
Karnataka 153, 3186, 6052, 6057
Kerala 2543
Maharashtra 3996
Rajasthan 1761
Sikkim 5407
Uttar Pradesh 1736, 1778, 3205, 3966
West Bengal 5407, 6030, 6484
Indonesia 116, 559, 561, 1122, 1124, 1127, 1376, 1745, 2533, 3214, 3967, 5399, 5513, 6049, 6269, 8158
Irish Republic 8148
Jamaica 1772, 1827
Japan 1126-1127, 3214
Kenya 1118, 1760, 1779, 2537, 3175, 3192, 3210, 3216, 4399, 4544, 6033-6034, 6055, 8137, 8142
Kiribati 5475
labour 3989
Latin America 1777, 8133-8134

Malawi 5412, 6053
Malaysia 5389
Mediterranean Countries 5390
methodology 1376, 4600, 7339, 8142
Mexico 1756, 3203, 5402, 7340
Nauru 3991
Nepal 1735, 2053, 4020, 4057, 4550, 6051, 6131
New Zealand 5464, 5484-5486, 5521-5522, 5596-5598, 6012, 6036-6047, 7135, 8155-8156
Nicaragua 3951
Nigeria 1187, 1773-1776, 2536, 3193-3194, 3201, 3204, 3482, 4551, 4553, 5409, 6625
Niue 5475
Oceania 5398
Pacific Islands Trust Territory 6896
Pakistan 7338
Papua New Guinea 3991
periodicals 3248
Peru 1734, 3206, 5453, 7345, 8152
Philippines 2534, 3542, 4550, 5404-5405, 6032
Polynesia 3991
Portugal 2532, 5380
research 1187, 1743, 1748, 1781, 1852, 3199, 3264, 3973, 3990, 3996, 4057, 4543, 4651, 5403-5404, 5502, 6041, 7349, 8148, 8155
reviews 1780, 1806, 4013, 5393, 6046, 7331, 7778, 8138, 8147-8148
Romania 1742
Rwanda 3200, 4550, 5397, 6629
Sahel 562
Senegal 562
Sierra Leone 6056
simulation 1170, 1770, 1791, 3192, 3207, 3972, 5484-5486, 6636, 7333, 7336, 8139
Solomon Islands 5475
Somalia 574, 1752, 1758, 2550, 3198, 3218, 7343
Spain 1738, 4985, 5380
Sri Lanka 5413-5415
statistical methods 3213, 5411, 6043
Sudan 3986, 8135
Taiwan 2541-2542
Tanzania 6011
Thailand 1127, 3214
Tonga 3991
Tropics 204, 1779, 3193, 3969, 3984, 4651, 5381, 5401, 5454, 5459, 6035, 6089
UK 1753, 4552, 6054, 8139, 8148
USA 2510, 5406, 7282, 7333
Alabama 5410
Florida 1744
Georgia 1791, 3796, 6636
Idaho 1737
Louisiana 6628
Vanuatu 5475
Venezuela 3978, 8153
Vietnam 2539
Western Samoa 5475
Yemen Arab Republic 4669
Zambia 5396, 7337
Zimbabwe 1157, 1740, 1759

***Aigialus parvus*** 3589

***Ailanthus altissima***
foliage 7767
photosynthesis 5091
plant composition 900
seed germination 6753
seed treatment 6753
sulfur dioxide 7767
tissue culture 900
weed control 3450

***Ailanthus excelsa***
cell walls 7003
insect pests, *Atteva* 5329-5330
resin canals 7003

***Ailanthus triphysa***
fungal diseases 4429
insect pests
*Atteva* 1066
*Eligma* 1066
nurseries 4429
seedlings 4429
viral diseases 4429

***Aiphanes caryotifolia,*** taxonomy 3782

***Aiphanes chiribogensis,*** taxonomy 3782

***Aiphanes eggersii,*** taxonomy 3782

***Aiphanes erinacea,*** taxonomy 3782

***Aiphanes fosteriorum,*** taxonomy 3782

***Aiphanes gelatinosa,*** taxonomy 3782

***Aiphanes grandis,*** taxonomy 3782

***Aiphanes macroloba,*** taxonomy 3782

***Aiphanes schultzeana,*** taxonomy 3782

***Aiphanes tricuspidata,*** taxonomy 3782

***Aiphanes verrucosa,*** taxonomy 3782

**Air layering** (*see* Vegetative propagation, air layering)

**Air pollution** (*see also* Acid rain)
ammonia 837, 844, 2142, 2155, 3629, 3640, 5739, 6228, 6358, 6962, 7735
Austria 3710-3711, 4967, 6078
bibliographies 7390-7391
books 5456, 6962-6964
Brazil 4625, 4969
Bulgaria 3937
Canada 273
Alberta 274, 1599
China, Beijing 7767
chlorine 6345
conferences 3270, 4021, 4615, 4619, 6668, 6676, 7398
Czechoslovakia 270, 848, 1431, 3642, 4188, 7737-7738
damage 592, 1425, 2840, 4619, 4969, 4971, 6676
*Abies* 3620, 3631, 4019, 4954, 4967-4968, 5812, 7759
*Acer* 2843, 6946
*Alnus* 7741
Austria 3625, 3684, 3712, 3747-3748
*Azadirachta* 1429, 2148
Berlin 3626, 3632
Canada, British Columbia 3620
*Castanea* 4954
*Celtis* 2843
*Chamaecyparis* 7746
*Cryptomeria* 2842
*Cupressus* 4954
Czechoslovakia 4285-4286, 5804
*Dalbergia* 1429
Denmark 7750
*Euonymus* 6946
Europe 367, 4288
*Fagus* 927, 4954, 5810, 6946, 7762-7763
France 4019
*Fraxinus* 4952, 4954
German Democratic Republic 4284, 4965, 6179, 6956, 7749
German Federal Republic 593, 4019, 4353, 5810, 7521, 7759-7760, 7763
India, Uttar Pradesh 2157
Italy 4352
*Juniperus* 7746
*Larix* 4019
*Liquidambar* 2843
*Mangifera* 2157
Norway 6359
*Picea* 363-364, 367, 593, 927, 2243, 2847, 2877, 2952, 3618, 3620, 3625, 3627, 3631, 3634, 3684, 3712, 3747-3748, 4019, 4353, 4965, 4967-4968, 4970, 5116, 5456, 5740, 5742, 5744, 6953, 6956, 6958, 7519, 7521, 7724, 7736, 7746, 7750, 7757, 7759-7760
*Pinus* 278, 850, 927, 2144, 2160, 3560, 3576, 3618, 3626, 3631-3632, 4019, 4752, 4952, 4970, 4972, 6956, 7518, 7629, 7740, 7746-7749
Poland 6958-6959, 7629, 7741, 7747-7748
*Populus* 271, 1423, 1432, 2843
Portugal 3623
*Prunus* 2843
*Quercus* 844, 3576, 3623, 4952, 4954, 6946
*Robinia* 2843
Romania 5812
*Sequoiadendron* 2144
Sweden 6359
Switzerland 4019
*Taxus* 7746
*Thuja* 3620
*Tilia* 4954
*Tsuga* 3620
USA 2144
California 832, 3560
Pennsylvania 1716
*Weigela* 7745
Yugoslavia 4954
Denmark 3621, 7751
deposition 270, 848, 2142, 2146-2147, 2155, 2846-2847, 3621, 3624, 3635, 4301, 4568, 4957-4960, 6353-6354, 6956, 7735
detection 367, 2843-2844, 3560, 3712, 4287
diseases 6356
dust 848, 1599, 4967, 6228
ecology 837, 842, 844-846, 1062, 1425, 1599, 2142, 2362, 2826, 3270, 3586, 3629, 3937, 4269, 4289, 4969, 5324, 6228, 7521, 7738, 7752, 7761, 7890
economics 4285-4286
Finland 4282, 4970
fluorides 2156, 3620, 4019, 5741-5742, 6949, 7055, 7747
forest fires 3666, 5763
forest influences 848, 2142, 2147, 2837, 2858, 3621, 3640, 4301, 5686, 7521, 7738, 7752
German Democratic Republic 4080, 6096, 6161, 6176, 6228, 6709
German Federal Republic 842, 2147, 2152-2153, 2847, 4568, 4970, 5116, 5686, 5808-5809, 6078, 6345, 6953-6955, 7757-7758, 7761, 7890
habit 4973
heavy metals 274, 1422, 1716, 2159, 2837, 2858, 3623, 4287, 4953-4954, 5743, 6949, 7739, 7741-7742, 7748, 7758, 7766
Hungary 844-847
hydrogen peroxide 3631
hydrogen sulfide 2143, 7747
increment 273, 847, 1423, 2151, 2156, 2158, 3620, 4019, 4571, 4973, 6958, 6962, 6999, 7629, 7736, 7747
India, Andhra Pradesh 2150
Italy 4287
Japan 3622
measurement 6959
methodology 592, 1432, 1446, 2143, 2146, 3280, 4028, 4568, 4625, 4951, 4964, 6960, 7753, 7761
Netherlands 2155, 3629
nitrogen oxides 367, 835, 837, 844, 2142-2143, 2154, 2846, 3618, 3624, 3634, 3640, 4963, 5741, 6228, 6948-6952, 6962, 7735-7736, 7762
North America 3631
ozone 271, 277-278, 833, 850, 1062, 1423, 1432, 2144, 2149, 2151-2153, 2845, 3280, 3560, 3627-3628, 3631, 3634, 3637, 3747-3748, 4351, 4752, 4970, 4972-4973, 5116, 5324, 5740-5741, 5744, 6355, 6948-6950, 6952-6953, 6960, 6964, 7750-7751, 7762
Pakistan 2158
pests 6356, 6532
plant physiology 271, 275, 363-364, 849, 1422-1423, 1429, 1431, 2153-2154, 2157, 2845, 2951-2952, 3280, 3618, 3622, 3626, 3628, 3640, 3747-3748, 3752, 4284, 4963-4964, 5085, 5740-5742, 6343, 6355, 6358, 6668, 6947-6952, 6960, 6964, 7055, 7741-7745, 7751, 7765
Poland 4289, 4571, 4971, 6689, 6957, 7742
polycyclic aromatic hydrocarbons 4951, 6961, 7757

**Air pollution** *cont.*
resistance 271, 1213, 1423, 2150, 3752, 4074, 4080, 4414, 4971, 6078, 6161, 6355, 6709, 7737, 7740, 7743-7746, 7753
reviews 2840, 5741, 6356
salt spray 3576
simulation 6096
stand characteristics 7558
statistical methods 593, 844
sulfates 835, 2155, 3586, 7735-7736, 7766
sulfur dioxide 1716, 2142-2143, 5741
*Abies* 1213, 4968
*Acer* 2149, 7753
*Ailanthus* 7767
*Alnus* 7741
*Azadirachta* 2148
*Betula* 2149, 2159, 6951
broadleaves 6962
*Carpinus* 4966
*Carya* 2149
*Chamaecyparis* 7746
*Cryptomeria* 275
*Fagus* 2149, 7762
*Fraxinus* 2149, 4952, 4973, 6948
*Holoptelea* 6948
*Juniperus* 7746, 7767
*Liquidambar* 2149
*Liriodendron* 2149, 7753
*Magnolia* 7753
*Picea* 2152-2153, 2159, 2877, 2952, 3618, 3625, 3642, 3711, 4284, 4968, 4970, 5116, 6096, 6161, 6345, 6355, 6709, 6952, 6954, 6957, 7724, 7738, 7746
*Pinus* 274, 278, 850, 1422, 2159, 3618, 4074, 4282, 4568, 4952, 4958, 4970, 6355, 6357, 6947, 6949-6950, 7737, 7740, 7743-7744, 7746-7749, 7765
*Populus* 5739, 6949, 7767
*Pseudotsuga* 2845
*Quercus* 844, 2149, 4952, 4966
*Robinia* 7753
*Rosa* 7753
*Salix* 7767
*Taxus* 7746
*Ulmus* 5324
*Weigela* 7745
Sweden 2159, 4970, 7696
UK 2142, 4250, 5085, 6962
USA 2151, 2837, 2846, 3640
California 2160
Maine 3634
Michigan 3586
Minnesota 3586
New Hampshire 5743
New Jersey 4972
New York 3635, 4752
Wisconsin 278, 3586, 6354, 7766
USSR
RSFSR 2858, 7055
Ukrainian SSR 7752
volatile compounds 3622, 7757
wood properties 4568, 4980, 6357, 7766
Yugoslavia 2146, 4952-4953
**Aircraft** 300, 1449, 6680, 7789
***Aix sponsa*** 2472
**Albania,** *Crataegus heldreichii* 7931
***Albizia***
Acari 5912
choice of species 58
growth models 6857
increment 6857
nurseries 5912
shade trees 8146
***Albizia adianthifolia***
increment 3514
root nodules 5256
symbiosis 5256
***Albizia amara,*** synecology 413, 7094
***Albizia anthelmintica***
bark 2907
medicinal plants 2907
saponins 2907
***Albizia caribaea***
foliage 7726
plant composition 7726
***Albizia chinensis***
bark 2038
diameter 2038
fodder 7467, 7595
insect pests
Cerambycidae 5912
*Indarbela* 5912
*Myllocerus* 5912
nitrogen fixing trees 5873
root nodules 3042, 5873
shade trees 5912
species trials 7467
stand characteristics 2038
***Albizia falcata*** *(see Albizia falcataria)*
***Albizia falcataria***
agroforestry 2546
bacterial diseases 3862-3863
botany 3327
choice of species 49, 4064
Cuba 7473
dieback 3863
economics 3300
fodder 7467
foliage 3464
fuel plantations 4064
fungal diseases
*Botryodiplodia* 3862-3863
*Fusarium* 3862-3863
*Phomopsis* 3862-3863
*Rhizoctonia* 3862-3863
increment 3464, 7473
insect pests, *Leucopholis* 3915
Malaysia 3300
mixtures 122, 3464, 6277
multipurpose trees 3339
nitrogen fixing trees 6277
nurseries 3862-3863
Philippines 3327
plant nutrition 3464
plantations 3299, 6791
private forestry 3299
seedlings 3862, 3915
silvicultural characters 3327
silviculture 3327
site class assessment 5656
species trials 6712, 7467
taungya 3863
Vanuatu 3339
wood chemistry 4341
***Albizia ferruginea***
root nodules 5256
symbiosis 5256
***Albizia guachepele***
foliage 7726
plant composition 7726
***Albizia julibrissin***
nitrogen fixing trees 5873
root nodules 3042, 5873
wood anatomy 313
***Albizia lebbek***
agroforestry 1739, 1748, 6031, 6056
alkaline soils 5516, 5781
biomass 1855
choice of species 5516, 5982
fodder 6031, 7467, 7595
foliage 6031, 6412
fruit 6031
fuel plantations 1855
green manures 6056
insect pests
Cerambycidae 5912
*Indarbela* 5912
*Lorryia* 5912
*Myllocerus* 5912
*Xyleborus* 5912
plant composition 1490, 6412
plantations 1452
rangelands 5982
root systems 5781
roots 1490
saline soils 5516, 5781
seed germination 1904
seeds 63
shade trees 5912
shelterbelts 5376
spacing 1855
species trials 6712, 7467
tissue culture 6763
weeds 1452
***Albizia lophantha***
biochemistry 3741
***Albizia lophantha*** *cont.*
foliage 3741
tropisms 3741
***Albizia odoratissima***
insect pests
Cerambycidae 5912
*Indarbela* 5912
shade trees 5912
species trials 6713
***Albizia procera***
alkaline soils 5781
foliage 2260
forest influences 7338
frost resistance 7676
insect pests 2418
Cerambycidae 5912
*Indarbela* 5912
light 1387
optical properties 2260
phenology 1387
plant composition 5069
root nodules 5531
root systems 5781
saline soils 5781
seeds 2418, 5069
shade trees 5912
shelterbelts 7338
species trials 5531
synecology 5183
vegetation types 6471
***Albizia zygia***
root nodules 5256
symbiosis 5256
***Alces alces*** 533-535, 543, 1090-1091, 2049, 3448, 6599, 8102
***Alchornea latifolia,*** climbers 6524
***Alcis papuensis*** 3086
***Aldinia latifolia,*** vegetation types 996
***Alebra*** 3894
***Alebra albostriella*** 3894
***Alebra wahlebergi*** 3894
***Aleurites fordii***
coumarins 7843
inheritance 3036
stand characteristics 22
***Aleurites moluccana,*** underplanting 1989
***Aleurites montana***
clones 2344
economics 2344
flowering 5120
planting stock 2344
sex 5120
silviculture 2344
**Aleyrodidae** 6533
**Algae** 3827
(*see also* Soil biology, algae)
**Algeria,** fodder 2706
**Allelopathy** 1002, 2172, 2321-2322, 2382, 2541-2542, 3722, 3826-3827, 4786-4787, 5224-5226, 5853, 6484-6485, 6924, 7102-7103, 7959-7960
reviews 7104
***Allocasuarina decaisneana***
seed collection 6147
seed sources 6147
***Allocasuarina fraseriana***
root nodules 2376
symbiosis 2376
***Allocasuarina lehmanniana***
root nodules 2376, 2379
symbiosis 2376, 2379
***Allocasuarina littoralis***
birds 5353
fertilizers 1941
nitrogen fixation 1941
root nodules 1941
symbiosis 1941
***Allocasuarina paludosa***
root nodules 2376
symbiosis 2376
***Allocasuarina torulosa***
fertilizers 1941
nitrogen fixation 1941
root nodules 1941, 2369, 2376, 2379
symbiosis 1941, 2369, 2376, 2379
***Alluaudia dumosa,*** flavonoids 3733
***Alnus***
air pollution 6961
biomass 7459
clay soils 1626
dieback 5103

***Alnus* cont.**
economics 151
forest influences 7777
forest litter 6334
insect pests, *Synanthedon* 5967
nitrogen fixation 360
palaeoecology 4383, 5167
pollen 5167
root nodules 1626, 4427
soil biology 2117, 6334, 7717
symbiosis 1626
taxonomy 2976
vegetation types 7717
water pollution 7777
weed control 2688, 3450
wildlife 1093
wood smoke 6961
***Alnus acuminata***
agroforestry 7335, 8133, 8141
choice of species 6872
Costa Rica 2052
farm forestry 6872, 8141
fertilizers 2375
fuel plantations 2052, 6872
hedges 8133
increment 2052, 6872
multipurpose trees 6872
mycorrhizas 2375
nitrogen fixation 2375
symbiosis 2375
vegetative propagation 80
volume determination 6872
***Alnus cordata***
bacterial diseases 5901
foliage 5901
genetics 638
herbicides 6802
mine spoil 1714
mulching 1293
nurseries 5901
provenance 1216
reclamation 1714
root nodules 2370
symbiosis 2370, 4428
tissue culture 1821
tree breeding 638
vegetative propagation 638
***Alnus cremastogyne*, species trials 54**
***Alnus crispa***
genetics 2352
provenance 3335
root nodules 2378
shelterbelts 3335
species trials 54, 3335
*symbiosis* 54
symbiosis 2378
***Alnus firma***
bacteria 7989
mycorrhizas 7989
symbiosis 7989
***Alnus firmifolia***
agroforestry 1756, 5402
forest influences 5402
shelterbelts 5402
***Alnus formosana***
agroforestry 2542
allelopathy 2542
increment 2373
nitrogen fixation 450
plant succession 6481
provenance 5518
roots 450
species trials 5518
symbiosis 2373
***Alnus glutinosa***
air pollution 7741-7742
bud culture 4096
buds 913
calcium oxalate 5070
canopy 1602
crown 2742, 2966
cytology 5027
distribution 3000
erosion control 6009
fertilizers 1942
forest litter 1406, 6330-6331
genetics 2352
German Federal Republic 1717-1718, 1721
ground vegetation 1602
herbicides 6802
***Alnus glutinosa* cont.**
increment 2373, 2742
insect pests, *Pterocallis* 4463
intensive silviculture 4766
lime 3176
mine spoil 1714, 3176
mycoplasmal diseases 6521
Nematoda 5327
nitrogen fixation 2127, 2129, 3859, 6944, 7888
nurse trees 1718
palaeoecology 2995, 3000
phloem 6521
photosynthesis 7888
plant composition 913, 5027
plant disorders 2966
plant nutrition 2124-2125, 4684, 6944
plant succession 425, 4382
precipitation 2490
provenance 4684
reclamation 1714
root nodules 1627, 1942, 2124, 2129, 2370, 2378, 3859, 5070
roundwood 5635
seed production 6331
shoot cuttings 4096
species trials 54
stand characteristics 2742, 4382
storage 5635
*symbiosis* 54
symbiosis 1627, 1830, 1942, 2124-2125, 2127, 2129, 2370, 2373, 2378, 4428, 5070
throughfall 2490
tissue culture 2634
underplanting 4163
underwood 1602
volume 5635
water stress 2129, 3859
weight 5635
yield forecasting 544
***Alnus glutinosa* × *A. incana*, air pollution 7741-7742**
***Alnus hirsuta***
Acari 3920
afforestation 3947
biomass 3419
coppice 3419
hydrology 8115
intensive silviculture 3419
nitrogen fixation 453
plant water relations 2819
roots 453
stemflow 8115
throughfall 8115
transpiration 2819
transplanting 2819
***Alnus incana***
air pollution 7741
biomass 2, 3523, 6282
canopy 2
cycling 6282
fertilizers 3523
fodder 7850
foliage 7850
forest litter 3523, 6331
genetics 2352
herbicides 6802
increment 2373-2374
mycorrhizas 2374
nitrogen fixation 2126-2127, 7985
plant composition 7850
plant nutrition 2128
plant water relations 3523, 6365
root nodules 1627, 2126, 5883, 7985
roots 886
seed production 6331
silvicultural conversion 3233
species trials 54
stem form 2
*symbiosis* 54
symbiosis 1627, 2126-2128, 2373-2374, 4428, 5883, 7985
***Alnus inokumae*, herbicides 6802**
***Alnus japonica***
Acari 3920
genetics 2352
nitrogen fixation 449
nitrogen fixing trees 5019
nurseries 449
root nodules 449, 5019
***Alnus japonica* cont.**
species trials 54
wood anatomy 313
***Alnus jorullensis* (*see* Alnus acuminata; *Alnus acuminata*)**
***Alnus mandshurica***
nitrogen fixation 453
roots 453
***Alnus maritima***
mine spoil 553
mined land 553
plant water relations 254
reclamation 553
root shoot ratio 254
seedlings 254
transpiration 254
***Alnus nepalensis***
agroforestry 1746, 5407
altitude 2252
energy relations 2252
forest influences 3658
improvement planting 1975
increment 2373
insect pests, *Hoplocerambyx* 510
Nepal 1976
planting 1975
provenance 50
shade trees 5407
site preparation 1975
soil chemistry 3658
symbiosis 2373
transpiration 2252
***Alnus nitida*, symbiosis 1830**
***Alnus rhombifolia***
bacterial diseases 5901
foliage 5901
nurseries 5901
***Alnus rubra***
biomass 743, 3340, 7978
cycling 243
diameter 3494
drought resistance 2817
epicormics 3377, 6235
fertilizers 3393, 5703
frost resistance 3340, 5703
genetics 2352, 5703
herbicides 6802
increment 3340, 3517
intensive silviculture 3340
landslides 1707
layering 2636
mine spoil 1714
mud flows 5222
palaeoecology 4379
plant colonization 2311
plant nutrition 243, 3393
plant succession 5222
plant water relations 2817
planting stock 134
pollen 4378
provenance 3335, 5518
reclamation 1714
root nodules 2370
shelterbelts 3335
shoot cuttings 3377
soil chemistry 243
soil types 3393
species trials 3335, 5518
stand characteristics 3340
stumps 3494
symbiosis 1830, 2370
thinning 3456, 6235
tree breeding 7978
underplanting 3126, 3456
weed control 134
***Alnus rugosa***
evapotranspiration 5086
genetics 2352
root nodules 2378
stomata 5086
symbiosis 2378
***Alnus serrulata***
air pollution 277
nitrogen fixation 277
roots 277
symbiosis 277
***Alnus sieboldiana***
foliage 7861
tannins 7861
***Alnus sinuata***
allelopathy 7102

***Alnus sinuata*** *cont.*
ferns 7102
mine spoil 1714
mud flows 5222
palaeoecology 4379
plant succession 5222
provenance 3335
reclamation 1714
shelterbelts 3335
species trials 3335
***Alnus subcordata,*** insect pests, *Synanthedon* 3085
***Alnus viridis***
genetics 2352
mine spoil 1714
reclamation 1714
symbiosis 1830
***Aloe barbadensis,*** medicinal plants 6838
***Alphitonia zizyphoides***
multipurpose trees 3339
Vanuatu 3339
***Alseis blackiana,*** coppice 5578
***Alseodaphne,*** synecology 1598
***Alseodaphne perakensis***
chemotaxonomy 5067
foliage 5067
plant composition 5067
***Alstonia angustifolia,*** alkaloids 2933, 3731
***Alstonia boonei***
wood anatomy 309
wood chemistry 309
***Alstonia congensis***
alkaloids 5047
wood chemistry 4341
***Alstonia lenormandii,*** plant composition 1521
***Alstonia macrophylla,*** mixtures 122
***Alstonia scholaris***
foliage 904
plant composition 904
seedlings 2278, 3785
synecology 5183
vegetation types 2483
***Alternaria*** 7998
***Alternaria alternata*** 2385, 5599, 7999
***Alternaria cassiae*** 5284
**Alticinae** 2262
***Altingia excelsa***
hydrology 7784
synecology 3804
***Altingia gracilipes,*** stand characteristics 6469
**Altitude**
foliage 2350
habit 2790, 3527
increment 240, 737, 739, 3527, 4687, 7679
microclimate 5704
plant physiology 2244, 2252
reproductive behaviour 276
synecology 2281, 2988-2990, 3804, 4714, 5191, 5197-5198, 7636, 7933
***Amanita*** 465
***Amanita muscaria*** 357, 821-822, 4426, 5867, 7987
***Ambavia gerrardii,*** flowers 2882
**Ambrosia beetles** (*see* Wood borers)
***Ambrosiella*** 8004
***Amburana cearensis***
seeds 3359
silvicultural characters 7485
***Amelanchier,*** control 1999
***Amelanchier alnifolia***
autecology 7061
browse 8090
fruit 6434
seed germination 7061
***Amelanchier arborea***
flowering 7803
fruiting 5822, 7803
natural regeneration 1010
reproductive behaviour 5822
seed dispersal 5822
stand characteristics 1010
***Amelanchier canadensis,*** control 3445
***Amelanchier laevis,*** fungal diseases, *Ceratocystis* 1641
***Amelanchier utahensis***
competition 5836
water stress 5836
**Amelioration of forest sites** 681, 2682, 4104, 4264-4265, 4267, 4864, 5558, 5809, 6176, 6179, 6309, 6717, 7519, 7521
**Amenity and recreation areas** 3938, 6641
**Amenity forests** 568, 687
**Amenity value of forests** 1133, 2558, 3235, 4004, 4006, 4023, 5426, 6065, 6067, 6637, 6641, 7364-7365
(*see also* Forest recreation)
***Amentotaxus assamica,*** botany 5001
***Amentotaxus poilanei,*** taxonomy 3781
***Ammodendron conollyi,*** weight determination 2717
***Amomyrtus luma,*** stand characteristics 6476
***Amorpha fruticosa***
China, Jiangsu 1859
coastal areas 1859
mixtures 2675
nitrogen fixing trees 5873
root nodules 3042, 5873
***Amorphocerus*** 7911
***Ampelocalamus luodianensis*** (*see Drepanostachyum luodianensis*)
***Ampelocalamus naibunensis,*** taxonomy 2980
***Ampelocalamus yongshanensis,*** taxonomy 2979
**Amphibia** 3661
***Amphimallon assimilis*** 8057
***Amphimallon solstitialis*** 8057
***Amphitecna tuxtlensis,*** light 2777
***Amylostereum areolatum*** 3129
***Amyris balsamifera***
essential oils 7022
terpenoids 7022
**Anacardiaceae,** seeds 2875
***Anacardium occidentale***
salt tolerance 3743
seedlings 3743
wood anatomy 1467
***Anacolosa densiflora,*** insect pests 1649
***Anadenanthera macrocarpa***
increment 3334
stem form 3334
***Anagyris foetida,*** synecology 7948
***Anaphe venata*** 6549
***Anastatus*** 3138, 8033
***Anastatus albitarsis*** 8033
***Anastatus japonicus*** 8033
***Anatis mali*** 1067
**Anatomy** (*see* Plant anatomy; Wood anatomy)
***Ancistrotermes latinotus*** 8077
***Andira coriacea***
dendrochronology 7633
growth rings 7633
increment 7633
**Angle count** 722, 1369, 2073, 3549, 4222-4223, 5679, 6270, 6300
**Angling** (*see* Fishing)
***Angophora costata***
essential oils 2226
foliage 2226
plant composition 2226
***Aniba barbeyana***
essential oils 7018
terpenoids 7018
***Aniba rosaeodora,*** extractives 7590
***Aningeria altissima,*** dieback 5105
***Aniptodera marina*** 3589
***Anisophyllea disticha***
foliage 1484
phyllotaxy 1484
***Anisoplia segetum*** 8057
***Anisoptera costata,*** seedlings 7824
***Anisoptera thurifera***
light 233
resin tapping 4180
***Annona,*** wood anatomy 996
***Annona squamosa***
ethnobotany 2034
medicinal plants 2034
**Annonaceae**
flowering 7902
lignans 4825
medicinal plants 4825
taxonomy 5160
**Annual rings** (*see* Growth rings)
***Anogeissus latifolia***
forest litter 4926
resin tapping 4819
seed germination 7492
soil biology 2814
synecology 413, 7094, 7782, 7943
wood anatomy 4819
***Anogeissus leiocarpus***
insect pests, *Epicerura* 7196
seed germination 6726
wood anatomy 309
wood chemistry 309
***Anogeissus pendula***
plant anatomy 2214
seed germination 7492
***Anomala dubia*** 8057
***Anonidium mannii,*** increment 2734
***Anoplophora nobilis*** 4491
***Antechinus flavipes*** 5345
***Anthocephalus cadamba*** (*see Anthocephalus chinensis*)
***Anthocephalus chinensis***
botany 3327
chlorophyll 2821
increment 3514
Philippines 3327
plant water relations 2821
silvicultural characters 3327
silviculture 3327
stomata 2821
street trees 5433
***Anthophora*** 3767
***Antiaris africana***
wood anatomy 309
wood chemistry 309
***Antiaris toxicaria***
fibres 7823
nurseries 4065
seed collection 4065
species trials 4065
**Antibiotics** 83, 1557
**Antitranspirants** 96, 661, 3242, 3430, 3433, 6174, 6189, 6935
**Ants** (*see* Formicidae)
***Apanteles*** 4468
***Apanteles fumiferanae*** 4469, 4471, 5934
***Apanteles laevigatus*** 3088
***Aparisthmium cordatum,*** plant composition 1513
***Apechthis compunctor*** 8039
***Apeiba aspera,*** species trials 3347
***Apeiba tibourbou,*** species trials 3347
**Aphelenchina** 5327
***Aphelocoma coerulescens coerulescens*** 6004
***Aphidecta obliterata*** 3151
**Aphididae** 498, 7192, 8079
**Aphyllophorales** 5891
***Aphytis libanicus*** 3078
**Apiculture** (*see* Beekeeping; Honeybees)
***Apis florea*** 2969
***Apis mellifera*** 2262, 6437
***Aplodontia rufa*** 1093
***Apocheima pilosaria*** 4473, 6555
***Apodemus argenteus*** 7287
***Apodemus flavicollis*** 545
***Apodemus speciosus*** 7287
***Apodemus sylvaticus*** 545, 4271
***Apoderus balteatus*** 3109
***Apodytes dimidiata***
electrical phenomena in trees 5794
increment 5794
***Apogonia cupreoviridis*** 7237
***Aporrectodea caliginosa*** 3135
***Aprostocetus strobilanae*** 5961
**Aquaculture** 546, 5369
***Aquilaria agallocha***
insect pests 4817
resins 4817
silvicultural characters 4817
silviculture 4817
***Aradus cinnamomeus*** 3895, 4462, 8028
***Araecerus fasciculatus*** 6570
**Araliaceae** 1586
**Araneae** 7716
***Araneo ventricosa*** 6585
***Araucaria angustifolia***
agroforestry 1119
insect pests, *Dirphia* 3084, 3899
***Araucaria columnaris***
Christmas trees 708

***Araucaria columnaris*** *cont.*
seed germination 4085
seed moisture 4085
***Araucaria cunninghamii***
Australia, Queensland 3453
buds 6400
choice of species 2618
ethnobotany 2016
herbicides 3447
pollination 4102
provenance 2618
reproductive behaviour 1820, 4090
roots 5025
seed collection 4090
seed orchards 4090
seed production 4090
seed treatment 4090
shoots 6400
silviculture 2618
tissue culture 4102
tree breeding 1820, 4102
vegetative propagation 4102, 5025
weed control 3453
**Arboreta** 3221, 3295, 3337, 4566, 5241, 6459
**Arboricides** (*see also* Herbicides; Weed control, woody weeds)
**Arboriculture** 877, 1136-1137, 1796, 4565, 4675, 5430, 5438, 6646, 7274-7276, 7367
***Arbutus andrachne,*** plant water relations 5726
***Arbutus menziesii***
forest litter 5817
height 6848-6849
***Arbutus unedo***
gas exchange 5478
mycorrhizas 7986
photosynthesis 6418
plant water relations 5478, 5726
***Arbutus xalapensis***
epidermis 4456
foliage 4456
insect pests 4456
***Arceuthobium americanum*** 4492, 5296, 5298
***Arceuthobium campylopodum*** 1060, 3888, 5670
***Arceuthobium oxycedri*** 3887
***Arceuthobium pini*** 5297
***Arceuthobium pusillum*** 469
***Archidendron oblongum,*** silvicultural characters 3345
***Archilochus colubris*** 2353
***Archips alberta*** 69
***Archips crataeganus*** 7255
***Archontophoenix cunninghamiana***
birds 5351
phenology 5351
seeds 3359
***Arctostaphylos patula***
biological control 5599
control 133
***Arctostaphylos viscida,*** mensuration 4790
**Arecaceae,** French Guiana 7795
***Arenga,*** synecology 1598
***Arenga pinnata***
flowering 6722
flowers 6993
fruiting 6722
seed germination 6722
seed treatment 6722
**Argentina**
*Acacia* 3776
climate 2088
deer 1289
*Discaria trinervis* 4904
epiphytes 2406
*Eucalyptus camaldulensis* 1247
*Eucalyptus viminalis* 1998
herbicides 1998
natural regeneration 1289
*Nothofagus antarctica* 2088
*Nothofagus pumilio* 2088
*Pinus* 6969
*Pinus elliottii* 7710
*Pinus taeda* 1998, 7710
soil chemistry 6969
soil types 7710
synecology 2088
***Argyrodendron peralatum***
photosynthesis 2249
plant water relations 2249
**Arid regions**
*Acacia* 5727-5728
afforestation 1114, 4849
agroforestry 6368, 8134
China, Gansu 6910
choice of species 6368
forestry 1161
*Haloxylon* 6910
landscape 7361
Latin America 8134
Mexico 6693
multipurpose trees 7315
ornamental woody plants 7361
*Populus* 4170
*Prosopis* 4849, 7734
reclamation 1114, 7314-7315
Saudi Arabia 7361
*Sesbania* 5727-5728
shelterbelts 2512-2513
species trials 6147
USA
Arizona 4217
Texas 6798, 7083
USSR
Azerbaidzhan SSR 3173
Kazakh SSR 35, 552
vegetation 7935
***Arillastrum gummiferum,*** plant morphology 7829
***Aristotelia australasica,*** alkaloids 2231
***Aristotelia chilensis***
deer 1289
natural regeneration 1289
***Aristotelia fruticosa,*** wood anatomy 2212
***Aristotelia serrata,*** wood anatomy 2212
***Armillaria*** 2388, 4437, 5113, 5887, 7059, 7141, 7151, 8003
***Armillaria borealis*** 481
***Armillaria cepistipes*** 481
***Armillaria limonea*** 7150
***Armillaria lutea*** 481, 3867
***Armillaria luteobubalina*** 2912
***Armillaria mellea*** 481, 3867, 4435, 4450-4451, 8002
***Armillaria novae-zelandiae*** 7150
***Armillaria obscura*** 5865, 5890, 5908
***Armillaria ostoyae*** 481, 3867, 4432
***Armillariella mellea*** (*see Armillaria mellea*)
***Aronia melanocarpa***
flowering 7803
fruiting 7803
***Artemisia,*** palaeoecology 2999
***Artemisia tridentata***
browse 8090
competition 5836
gas exchange 5478
plant water relations 5478
water stress 5836
**Arthropods** 3063, 6528, 6925, 7175, 7716
***Arthrostylidium naibunensis*** (*see Drepanostachyum naibunensis*)
**Artificial regeneration**
*Acer macrophyllum* 3021
assessment 2306, 5751
*Betula pendula* 4771, 6209
*Cedrus libani* 7543
conferences 3268, 6084
*Cryptomeria japonica* 113
economics 223, 2769, 5584, 6316
energy consumption 6794
*Fagus sylvatica* 6212
*Larix decidua* 4161
*Larix gmelinii* 6782
*Larix laricina* 6209
*Larix sibirica* 4771
*Liriodendron tulipifera* 683
logging 683, 3268, 3429, 6788, 7540
mechanization 6794
*Mimosa scabrella* 2769
*Nothofagus solandri* var. *cliffortioides* 6981
*Picea abies* 4771, 6209
*Picea mariana* 6223, 6788
*Picea orientalis* 700
*Pinus* 1360
*Pinus contorta* 3429
*Pinus echinata* 683
**Artificial regeneration** *cont.*
*Pinus strobus* 683
*Pinus sylvestris* 4771, 4780, 6209, 6212, 6221, 6316, 7540
*Pinus taeda* 683, 4772, 5584
*Populus* 5725
*Populus tremula* 1312
*Prioria copaifera* 6790
*Prunus serotina* 5244
*Quercus* 1286
*Quercus acutissima* 1977
*Quercus nuttallii* 1284, 1977
*Robinia pseudoacacia* 5751
*Salix* 5725
site factors 4633, 4772, 5725
site preparation 683, 3437, 4771, 4780, 5584, 6209, 6221, 6223, 6794
*Taxodium distichum* 2678
vs. natural regeneration 683, 1106, 2306, 2769, 5751, 6209, 6782, 6981
wildlife 2678
***Artocarpus***
embryo culture 6159
fruit 6269
synecology 1598
***Artocarpus altilis,*** shade trees 3978
***Artocarpus dadah,*** synecology 1598
***Artocarpus heterophyllus,*** underplanting 1989
***Artocarpus hirsutus***
foliage 2260
optical properties 2260
***Artocarpus integer*** 3343
provenance 3343
silvicultural characters 3343
***Artocarpus lakoocha***
fodder 1864
Nepal 1864
***Artocarpus nobilis***
bark 2895
xanthones 2895
***Arundinaria,*** taxonomy 3770
***Arundinaria aristata***
keys 2217
plant anatomy 2217
***Arundinaria armata*** (*see Oreocalamus armata*)
***Arundinaria lanshanensis,*** taxonomy 940
***Arundinaria longifimbriatus,*** taxonomy 2980
***Arundinaria nanningensis,*** taxonomy 2981
***Arundinaria pallidiflora,*** taxonomy 940
***Arundinaria pantlingii***
keys 2217
plant anatomy 2217
***Arvicola terrestris*** 532
***Ascarina***
palaeoecology 402
wood anatomy 4328
***Ascogaster*** 7238
**ASEAN,** data processing 6684
**Asia**
agroforestry 1741, 3984, 3988, 8138
deforestation 3962
*Disepalum* 5154
erosion control 8138
fodder 1741
*Heteropsylla cubana* 6540
mountain forests 3962
multipurpose trees 1741
palaeoecology 2997
shifting cultivation 1741
watersheds 4604
***Asimina triloba***
genetics 4405
nucleic acids 4405
**Aspect** 123, 240, 547, 739, 2281, 3755, 5197, 5643, 6472, 7933
***Aspergillus*** 2386, 7997
***Aspergillus flavus*** 8037
***Aspidosperma macrocarpon,*** silvicultural characters 7485
***Aspidosperma megalocarpon,*** cycling 3614
***Aspidosperma pyrifolium***
calorific value 2225
wood chemistry 2225
wood density 2225
***Aspidosperma vargesii,*** silvicultural characters 7485
**Assimilation** 359, 7751

**Assortments** 1341, 1355, 3536, 3541, 4196-4197, 6275, 6304, 6855, 7618-7619
***Asteromyrtus angustifolia,*** taxonomy 2269
***Asteromyrtus arnhemica,*** taxonomy 2269
***Asteromyrtus brassii,*** taxonomy 2269
***Asteromyrtus lysicephala,*** taxonomy 2269
***Asteromyrtus magnifica,*** taxonomy 2269
***Asteromyrtus symphyocarpa,*** taxonomy 2269
***Asteromyrtus tranganensis,*** taxonomy 2269
***Astrocaryum standleyanum***
seed dispersal 5127
seed predation 5127
***Astronium concinnum,*** seed dispersal 3764
***Astronium urundeuva***
genetics 1039
increment 3334
stem form 3334
***Atalaya hemiglauca***
seed collection 6147
seed sources 6147
***Atherosperma moschatum***
distribution 6908
frost resistance 6908
photosynthesis 6908
***Athrotaxis selaginoides***
distribution 6908
frost resistance 6908
photosynthesis 6908
**Atmosphere** 232, 837, 2178, 2861, 4258, 4900-4901
***Atractomorpha*** 3062
***Atriplex***
choice of species 1207
conferences 7400
erosion control 1207
multipurpose trees 1207
rangelands 1207, 5984, 5988
shelterbelts 1207
species trials 1207
Yemen Arab Republic 1207
***Atriplex canescens,*** fodder 2706
***Atriplex glauca,*** fodder 2706
***Atriplex halimus,*** fodder 2706
***Atriplex nummularia***
agroforestry 3210
fodder 2706
species trials 3210
***Atriplex polycarpa,*** fodder 2706
***Atriplex semibaccata,*** fodder 2706
***Atriplex vesicaria***
rangelands 4880
remote sensing 4880
***Atta cephalotes*** 3916
***Atta texana*** 4515
***Attalea funifera,*** minor forest products 4815
***Atteva fabriciella*** 1066, 5329-5330
**Attractants** (*see* Bark beetles, attractants; Insect pests, attractants; Wood borers, attractants)
***Aulonemia longiaristata,*** taxonomy 6454
***Aulonemia pumila,*** taxonomy 6454
***Aulonemia robusta,*** taxonomy 6454
***Aureobasidium*** 3866
***Aureobasidium microstictum*** 2364
***Aureolaria virginica*** 7173
**Australia**
*Acacia* 2207, 6991
*Acacia mearnsii* 4695
afforestation 1710
agroforestry 1822, 3195
*Avicennia marina* 5778
bark beetles 4490
*Beilschmiedia* 3772
Cerambycidae 4488
*Ceratonia siliqua* 1821
*Chalara australis* 8006
choice of species 2497, 3353
*Cinnamomum* 3772
credit 4053, 4540
*Cryptocarya* 3772
*Endiandra* 3772
*Eucalyptus* 1822, 5785
*Eucalyptus citriodora* 3336
farm forestry 4540
farm woodlands 1821, 2086, 2497, 3195
forest fires 1821
forestry 1819, 1822
fungal diseases 7145
**Australia** *cont.*
grazing 5988
history 1819
*Hylastes ater* 4490
*Hylurgus ligniperda* 4490
international cooperation 4585
*Ips grandicollis* 4490
Isoptera 7186
land use 2300
legislation 1821
*Lindera queenslandica* 3772
*Litsea* 3772
logging 4293
mangroves 5778
mined land 1710
nature conservation 2551
*Neolitsea* 3772
palaeobotany 6462
palaeoecology 6462
*Phloeosinus cupressi* 4490
private forestry 1821, 4053
provenance 3328, 4695
pruning 4175
quarantine 4490
rangelands 5988
reclamation 1710
saline soils 3353
*Scolytus multistriatus* 4490
seed collection 6147
seed germination 4084
seed sources 6147
seeds 1223
*Senna* 5147
shelterbelts 1822, 2086, 2496-2497
*Sirex noctilio* 7246
soil chemistry 3583
synecology 3017
taxes 4540
tree breeding 4423
water pollution 4293
Australian Capital Territory
*Allocasuarina torulosa* 2369
*Casuarina* 2369
*Melia azedarach* 6723
*Pinus radiata* 4917, 5721
urban forestry 1820
Australian Northern Territory
*Casuarina cunninghamiana* 2348
*Eucalyptus tetrodonta* 990
Isoptera 7184
mangroves 391
*Pinus caribaea* 4138
*Tamarix aphylla* 5209
vegetation types 989-990
woody weeds 5209
New South Wales
*Banksia* 2263
birds 2480
*Callitris* 7071
*Callitris columellaris* 4152
*Calyptorhynchus lathami* 5353
*Casuarina cunninghamiana* 2348-2349, 6149, 8062
controlled burning 3664
dendrochronology 873
dunes 7131
*Eucalyptus grandis* 5657
*Eucalyptus oreades* 873
*Eucalyptus paliformis* 5243
*Eucalyptus parvifolia* 5243
fire danger 4311
flooding 7298
forest fires 4311
grazing 5488, 5984
hydrology 7298
*Leucopogon parviflorus* 7131
*Macropus rufogriseus* 6596
*Macrozamia communis* 5121
*Melaleuca alternifolia* 7602
*Mordella sydneyana* 8062
mycorrhizas 7131
nature conservation 2552, 3223, 3225
*Nothofagus moorei* 410
*Panesthia australis* 6575
*Petauroides volans* 8103
*Pinus radiata* 2794, 4411
pollen 5130
rangelands 5984
*Sirex noctilio* 7246
*Sminthopsis leucopus* 5346
**Australia** *cont.*
New South Wales *cont.*
soil chemistry 2794
streams 7298
synecology 954, 3018
thinning 4152
vegetation 2299
vegetation types 410
*Vombatus ursinus* 6596
*Wallabia bicolor* 6596
weed control 5488
Queensland
*Aegiceras corniculatum* 3009
agroforestry 1688, 1722, 1762, 3188-3189, 6031, 7348
*Araucaria cunninghamii* 3453
*Archontophoenix cunninghamiana* 5351
*Avicennia marina* 3009
breeding programmes 4102
*Bruguiera gymnorrhiza* 3009
*Casuarina cunninghamiana* 2348, 6149
*Ceriops tagal* 3009
Chiroptera 6002
Coleoptera 4485
*Columba leucomela* 5351
controlled burning 7791
Crustacea 7708
erosion control 3453
*Eucalyptus decolor* 1587
*Eucalyptus xanthope* 1587
*Excoecaria agallocha* 3009
*Ficus* 5351
fodder 6031
foliage 7005
forest borders 5181
forest litter 7708
grazing 1688, 3188-3189
*Heteropsylla cubana* 5924
land use 1722
*Leucaena leucocephala* × *L. pulverulenta* 6504
*Lopholaimus antarcticus* 5351
*Lumnitzera racemosa* 3009
*Macropus parryi* 6594
*Macropygia amboinensis* 5351
mangroves 255, 3009, 3798, 4363, 4485
*Melia azedarach* 6723
nature conservation 3226
*Neofabricia* 4365
*Olea paniculata* 5351
phenology 7005
plant nutrition 7005
plant succession 5181
*Ptilinopus magnificus* 5351
*Ptilinopus regina* 5351
*Ptilinopus superbus* 5351
rain forests 6002
*Rhizophora stylosa* 3009
synecology 3018, 5181
underwood 7005
yield forecasting 2747
yield regulation 2747
South Australia
*Antechinus flavipes* 5345
*Bifiditermes improbus* 5301
controlled burning 5345
*Coptotermes acinaciformis* 5301
flora 7076
*Heterotermes ferox* 5301
*Isoodon obesulus* 5345
*Kalotermes banksiae* 5301
*Microcerotermes serratus* 5301
*Mus musculus* 5345
mycorrhizas 458
*Nasutitermes exitiosus* 5301
nature conservation 3224
*Pinus radiata* 4789
*Porotermes adamsoni* 5301
*Rattus fuscipes* 5345
remote sensing 4880
synecology 3018
Tasmania
*Acacia melanoxylon* 1820
*Atherosperma moschatum* 6908
*Athrotaxis selaginoides* 6908
*Chalinolobus morio* 6595
*Dacrycarpus* 4368
*Dacrydium* 4368

**Australia** *cont.*
Tasmania *cont.*
*Eptesicus regulus* 6595
*Eptesicus sagittula* 6595
*Eucalyptus* 7697
*Eucalyptus delegatensis* 4127
*Eucryphia lucida* 6908
fire danger 4311
forest fires 4311
*Lagarostrobos* 4368
*Lagarostrobus franklinii* 6908
*Mesibovia* 4368
*Microstrobos* 4368
*Nothofagus cunninghamii* 410, 6908
*Nothofagus gunnii* 6908
*Nyctophilus geoffroyi* 6595
palaeoecology 4368
*Phyllocladus aspleniifolius* 6908
*Phytophthora cinnamomi* 5272
plant succession 1013
rain forests 7697
silvicultural systems 4127
vegetation types 410
Victoria
*Acacia suaveolens* 2971
*Acmena smithii* 6906
afforestation 1820, 8123
agroforestry 2524
*Amylostereum areolatum* 3129
*Armillaria luteobubalina* 2912
*Avicennia marina* 1399
*Callitris* 7071
*Casuarina pusilla* 3065
*Eucalyptus baxteri* 3065
*Eucalyptus camaldulensis* 6336
*Eucalyptus dives* 5220
*Eucalyptus obliqua* 4153, 5220
*Eucalyptus radiata* 5220
farm woodlands 2524
fire danger 4311
flooding 7298
floods 6336
forest fires 4311
hydrology 7298
insect pests 3065
irrigation 4143
land use 2524
*Leptospermum juniperinum* 3065
*Leptospermum myrsinoides* 3065
logging 6911
mammals 6597
*Melaleuca uncinata* 5347
*Mycosphaerella pini* 7162
*Pinus radiata* 128, 2082, 7712
plant succession 5220
porosity 6911
remote sensing 2082
*Rhytidoponera tasmaniensis* 2971
saline soils 8123
seed dispersal 2971
seed predation 2971
seeds 3065
shelterbelts 2524
*Sirex noctilio* 3129
soil biology 818
soil compaction 6911
soil density 6911
soil fertility 7712
streams 7298
synecology 3018
*Tristania laurina* 6906
urban forestry 1820
weeds 128
wildlife 5347
Western Australia
agroforestry 3197, 7347
amelioration of forest sites 6717
*Apis mellifera* 6437
*Banksia* 4135
*Banksia attenuata* 4996
*Banksia menziesii* 4996, 6437
controlled burning 4996, 6982
*Eucalyptus* 6930
*Eucalyptus camaldulensis* 6148
*Eucalyptus diversicolor* 2347, 4261
*Eucalyptus foecunda* 7072
*Eucalyptus marginata* 8046
*Eucalyptus wandoo* 393
fertilizers 6717
*Leucaena leucocephala* 8008

**Australia** *cont.*
Western Australia *cont.*
mangroves 391
*Melaleuca* 6930
Meliphagidae 6437
nature conservation 3224
*Perthida glyphopa* 8046
*Phytophthora cinnamomi* 2193, 5273
*Pinus elliottii* 6717
*Pinus pinaster* 6717
*Pinus radiata* 6717
*Pirex subvinosus* 8008
pollination 6437
*Pseudocheirus peregrinus* 5352
riverbank protection 4974
saline soils 678
salt tolerance 6930
shelterbelts 3197
site preparation 6717
soil chemistry 4261
species trials 6717
Staphylinidae 6437
*Trichosurus vulpecula* 5352
vegetation types 3811
water pollution 4974
wildlife 2481, 5352
**Austria**
acid rain 6333, 7769
air pollution 3625, 3684, 3710-3712, 3747-3748, 4351, 4967, 6078
biological control 4507
*Bursaphelenchus mucronatus* 2447
choice of species 602
*Colpoma quercinum* 2447
credit 6113
deer 602
dieback 2447, 4351, 7449
economics 5492, 7669
erosion 551, 4529
exotics 6078
farm woodlands 6301
forest inventories 6301, 7658
forest management 7449, 7669
forest policy 6115
forestry 5492
fungicides 3059
geology 4529
history 2586
hunting 2586
*Hylobius abietis* 4507
insecticides 3059
investment 6113
landslides 4529
legislation 7444
*Loranthus europaeus* 5253
maps 4529
mountain forests 4049
*Picea abies* 783, 817
*Pinus sylvestris* 817
protection forests 4049
protection of forests 4049
provenance 6126
*Quercus petraea* 5253
research 7449
soil biology 7769
soil fauna 6333
soil formation 4529
soil pollution 817
soil surveys 4529
stemflow 6333
streams 4529
subsidies 6113, 6115
taxes 3312
torrent training 4529
transport 200
water stress 3603
watersheds 4529
**Austrobaileyaceae,** wood anatomy 5033
***Austrocedrus*** *(see Libocedrus)*
**Autecology** 685, 5593
*Aesculus* 2310
*Amelanchier* 7061
*Betula* 3255
*Brachychiton* 1583
*Bucida* 334
*Caesalpinia* 894
*Crateva* 887
*Eucalyptus* 2194
*Leucaena* 5826
*Morisonia* 887

**Autecology** *cont.*
*Pinus* 2871, 3929
*Salix* 4376
*Swietenia* 6390
***Automeris erythraea*** 6557
***Auxemma oncocalyx***
browse 3486
fertilizers 3486
plant composition 3486
**Auxiliary species** (*see* Nurse trees)
**Auxins** (*see* Growth regulators, auxins)
**Avalanches** 1709, 4022, 4255, 6100, 6612, 8119
***Averrhoa carambola***
bonsai 2562
foliage 2562
***Avicennia***
cycling 3659
forest influences 3659
forest litter 3588
pollen 403
shelterbelts 3953
synecology 5188
***Avicennia alba***
forest litter 3589
wood anatomy 3681
***Avicennia lanata,*** forest litter 3589
***Avicennia marina***
floods 4909
forest litter 4909, 5247, 7708
keys 3009
maps 3009
natural regeneration 2306
nitrogen fixation 2367
phenology 5778
pneumatophores 2367
pollen 2879
protection forests 3953
roots 318
seed predation 4363
seeds 4363
shelterbelts 3953
soil chemistry 1399
symbiosis 2367
synecology 3009, 3808, 4363
***Avicennia officinalis***
aquaculture 5369
chemotaxonomy 1533
foliage 1533
plant composition 1533, 1562
plant physiology 1562
plant water relations 1562
taxonomy 1533
vegetation types 2484
wood anatomy 3681
***Azadirachta indica***
agroforestry 1748, 7808
air pollution 1429, 2148, 2150, 2158
aquaculture 5369
azadirachtin 2904, 3701, 3735
bark 882, 5044, 5049, 7030, 7035
cytology 2148
economics 5691
fauna 2857
foliage 1429, 2150, 2158, 3735, 4516, 6412, 7599
fruit 1894, 4703
fungal diseases, *Cercospora* 5283
gedunin 7035
increment 7808
insecticides 2696, 7263
irrigation 612, 1994
medicinal plants 882, 3735, 5049, 7032, 7599
multipurpose trees 5691
mycorrhizas 5251
Nigeria 2857
plant composition 882, 1429, 1498, 2150, 5049, 6412, 7032
plant morphology 7808
planting 7808
polysaccharides 7030
provenance 2608
reclamation 1713
repellents 7032
research 2696
salt tolerance 3743
seed germination 1896, 4703
seedlings 3743
seeds 1894, 1896, 2905-2906, 3701, 4516, 4703, 7032, 7263

***Azadirachta indica*** *cont.*
silviculture 2696
soil chemistry 241
species trials 6132, 6713
street trees 2158, 5433
terpenoids 5044
tissue culture 4729
uses 3183
wood anatomy 309, 7808
wood chemistry 309
**Azores**
deforestation 558
nature conservation 558
vegetation 558
***Azteca constructor*** 8023
***Bacillus subtilis*** 4452
***Backhousia angustifolia***
foliage 3720
ketones 3720
**Bacteria** 491, 2335, 2343, 3042, 3879, 5247, 7125-7126, 7130, 7981, 7989, 7993
(*see also* Soil biology, soil bacteria)
**Bacterial diseases**
control 4447
insects 3137, 3907, 6558, 7232
trees 1646, 2400, 2613, 3862-3863, 3878, 4447, 5575, 5901-5903, 7148, 7166, 7171, 7983, 8072
***Bactris***
altitude 5191
synecology 5191
***Bactris gasipaes***
agroforestry 1777, 3964, 3979
multipurpose trees 3979
uses 1777
***Baikiaea plurijuga,*** flavanols 7875
***Baillonella toxisperma,*** allelopathy 3722
***Balanites aegyptiaca***
agroforestry 3210
browse 5983
control 2867
controlled burning 2867
coppice 108
dunes 1708
geology 7951
natural regeneration 108
plant composition 5983, 7951
soil chemistry 1708
soil physics 1708
species trials 3210
suckering 108
vegetation types 7951
***Balanus*** 5162
***Baliospermum angustifolium***
distribution 5828
plant morphology 5828
taxonomy 5828
**Balloons** 5684, 6306
**Bamboos**
anatomy 163, 883, 1459, 1461, 2217, 2889
biology 657, 3671
chemistry 824, 2322
damage 2783, 4257
diseases 4446, 5284
distribution 717
ecology 1596, 2322, 2796, 3010, 3797, 3821, 4257, 4300, 6474
economics 716, 719
edible species 714, 716
flowering 714, 2873, 5818, 7905
growth 719, 754, 1325, 3797, 6281, 7679
history 2710
light relations 1325, 1600
management 715, 719, 1325
morphology 7679
periodicals 7382
pests 500, 3073, 3083, 3099
plant physiology 3671, 3740
propagation 657, 714, 718, 1954, 2028, 2030, 3487, 4699, 4724, 5632, 6144, 6755, 7907
pulpwood production 6792
research 2599, 2711
resources 2754, 3797
silviculture 717, 719-720, 2640, 2642, 2796, 7520
taxonomy 940, 2217, 2975, 2978-2981, 6454, 7070
**Bamboos** *cont.*
uses 6792
***Bambusa***
insect pests
Noctuidae 500
*Pareuplexia* 500
shoot cuttings 2030
***Bambusa arundinacea***
allelopathy 2322
buds 6838
foliage 2322
medicinal plants 6838
plant composition 2322
seed germination 4699
seed treatment 4699
seeds 4699
vegetative propagation 718
***Bambusa atrovirens,*** taxonomy 940
***Bambusa balcooa***
flowering 5818
fungal diseases, *Sarocladium* 4446
***Bambusa bambos***
silviculture 3487
vegetative propagation 3487
***Bambusa glaucescens***
silviculture 3487
vegetative propagation 3487
***Bambusa multiplex***
silviculture 3487
tissue culture 4724, 6755
vegetative propagation 3487
***Bambusa oldhamii,*** tissue culture 4724, 6755
***Bambusa tulda,*** fungal diseases, *Sarocladium* 4446
***Bambusa ventricosa,*** chromosomes 2345
***Bambusa vulgaris***
air layering 5632
fungal diseases, *Sarocladium* 4446
keys 2217
layering 5632
plant anatomy 2217
silviculture 3487
vegetative propagation 3487
**Bambuseae**
Bangladesh 386
keys 2984
taxonomy 386
**Bangladesh**
agroforestry 1782, 6058, 8151
bamboos 4446
*Bambusa balcooa* 5818
Bambuseae 386
edible species 3479
flora 3787
forestry development 1782, 2590
fruit 3479
fungal diseases 4446
Leguminosae 3787
minor forest products 5831
*Ommatolampes haemorrhoidalis* 5956
*Pestalotia* 5885
*Santalum album* 5819
*Sarocladium oryzae* 4446
social forestry 1782, 6058-6059
*Sonneratia apetala* 5563
Verbenaceae 3682, 5831
***Banksia attenuata***
controlled burning 4996
reproductive behaviour 4135
***Banksia candolleana,*** reproductive behaviour 4135
***Banksia ericifolia,*** reproductive behaviour 2263
***Banksia hookerana,*** reproductive behaviour 4135
***Banksia integrifolia***
plant composition 2233
roots 2233
soil chemistry 2233
***Banksia leptophylla,*** reproductive behaviour 4135
***Banksia menziesii***
birds 6437
controlled burning 4996
pollination 6437
reproductive behaviour 4135
***Banksia paludosa***
pollination 5131
reproductive behaviour 2263
***Banksia serrata,*** reproductive behaviour 2263
***Banksia spinulosa***
pollination 5131
reproductive behaviour 2263
***Barbara colfaxiana*** 8084
***Barbara fulgens*** 7211
**Bark**
anatomy 317, 390, 552, 882, 1460, 1465, 2885-2886
chemistry 1513, 2907, 4028
*Acacia* 1549
*Acronychia* 6403
*Alluaudia* 3733
*Alstonia* 1521, 2933, 3731, 5047
*Artocarpus* 2895
*Azadirachta* 882, 5044, 5049, 7030, 7035
*Betula* 4482
*Bolusanthus* 1514
*Bowdichia* 5059
*Broussonetia* 5072
*Calophyllum* 1504
*Canella* 3695
*Cassipourea* 2240
*Cinchona* 2901
*Clausena* 7025
*Croton* 5050
*Cryptomeria* 348, 6563
*Cudrania* 2894
*Dalbergia* 7029
*Entandrophragma* 5063
*Erythrina* 317
*Erythroxylum* 1551
*Fagus* 1564, 3738
*Garcinia* 1488, 1500
*Glycosmis* 2242
*Goniothalamus* 7013
*Guaiacum* 6407
*Juglans* 1515
*Juniperus* 1553
*Larix* 1505
*Licaria* 1502, 7868
*Litsea* 7878
*Lophira* 1557, 3714, 7015
*Magnolia* 3721
*Mangifera* 7008
*Melia* 336
*Mezilaurus* 1524
*Micromelum* 7846
*Millettia* 3729
*Musanga* 3693
*Myrica* 897, 1559
*Peltophorum* 2246
*Picea* 4482
*Pinus* 4482, 8053
*Populus* 7043
*Pseudotsuga* 3709, 3718, 7862
*Pseudoxandra* 1508
*Pseuduvaria* 1517, 2938
*Pterocarpus* 6404
*Pterocarya* 1515
*Quercus* 1541, 1544, 5075, 7866
*Quillaja* 898
*Rhamnus* 4335
*Ricinocarpodendron* 350
*Salix* 3706
*Santalum* 1526
*Sapranthus* 1523
*Sarcomelicope* 2902
*Tabernanthe* 2035
*Terminalia* 1506
*Vateria* 1516
*Virola* 899
*Xylia* 1460
*Zanthoxylum* 2898, 3697
*Ziziphus* 896, 901, 905-907, 7017
damage 537, 852, 929, 2779
density 2166
diseases 5909, 5920
measurement 726, 2038, 3654, 4325, 4830, 4835, 5012, 7609
methodology 4028
microbial flora 1042
morphology 390, 882, 2208, 3805, 5637
pests 4482
plant physiology 1564, 2259
properties 2189
statistical methods 730, 4830
uses
*Acronychia* 6403

**Bark** *cont.*
uses *cont.*
*Azadirachta* 882, 7035
*Bauhinia* 2208
*Brownea* 2208
*Canella* 3695
*Clausena* 7025
*Dalbergia* 7029
*Erythrina* 317
*Eucommia* 325
*Guaiacum* 6407
*Larix* 1505
*Myrica* 897
*Polyalthia* 2208
*Prunus* 7010
*Pterocarpus* 6404
*Quercus* 4655
*Quillaja* 898
*Santalum* 1526
*Saraca* 2208
*Sesbania* 2189
*Shorea* 2208
*Trema* 2208
*Vateria* 1516
*Xylia* 1460
*Ziziphus* 901, 905-906, 7017
variation 726, 3654, 4076, 7609
**Bark beetles** (*see also Dendroctonus frontalis; Ips typographus*)
attractants 1684, 3909, 8065
amitinol 3911
brevicomin 1679, 8081-8082
camphene 7227
carene 7227
chalcogran 3150
cyclohexylidenethanol 8048
ethanol 6568, 7221, 7224, 7227
ethyl alcohol 4483
frontalin 1679, 3106
grandisol 8048
ipsdienol 3110, 3115, 3911, 6564, 8048
ipsenol 3110, 3115, 3911, 6564
ipsenone 3110
limonene 7227
lineatin 6568
methylbutenol 3911, 8048
methyldecadienoate 3150
myrcene 1679, 7227, 8081-8082
myrcenol 3115
pinene 6568, 7221, 7224, 7227
turpentine 1667, 7227
verbenol 3110, 3911, 6564, 8048, 8081-8082
verbenone 8081-8082
bibliographies 6
biology 512, 1071, 1666, 3107, 3910, 3912, 4489-4490, 5322, 5948, 5950, 6565, 6567, 7218, 7228
computer techniques 4487
conferences 7402
control 1634, 1683-1684, 2456, 3107, 3124, 3145, 3147, 4489-4490, 6234, 6581, 7218, 7402, 8048, 8058, 8081-8082, 8087
damage 512, 1634, 1674, 2433-2434, 4484, 4490, 4559, 5113, 5199, 5322-5323, 5804, 7402, 8058
detection 772
disease vectors 3056, 4490, 4910, 5275, 7232, 8017
distribution 1672, 8060
ecology 512, 1634, 2187, 2836, 4492, 4910, 6532, 7226
equipment 5951
forecasting 2433, 5321
fungal diseases 3107, 6562
identification 7228
introduced species 4489-4490
methodology 3119, 4487, 5321, 7223, 8065
parasites 3107, 3113, 6562
plant physiology 3912
population dynamics 1672, 2433, 4484, 4910, 6562, 7218
predators 3113, 8048
prevention 8058
resistance 1070, 2433, 5081
spread 3119, 3124
taxonomy 7225
**Bark beetles** *cont.*
trap trees 1679, 1683, 3147, 7168, 7221, 8087
trapping 1679, 3110, 3114, 3147, 4483, 5951, 6568, 7221, 7223
**Basal area** 189, 2036, 4222
(*see also* Angle count)
***Bauhinia foveolata,*** seed germination 1904
***Bauhinia purpurea***
fodder 1322, 1864
fuelwood 3331
Indonesia 3331
medicinal plants 5043
multipurpose trees 1322, 5043
Nepal 1864
plant composition 5043
seeds 5043
species trials 3331
***Bauhinia racemosa,*** mycorrhizas 5251
***Bauhinia retusa***
gums 4816
resin tapping 4816
resins 4816
wood anatomy 4816
***Bauhinia saccocalyx***
insect pests 2418
seeds 2418
***Bauhinia variegata***
bark 2208
edible species 7600
fertilizers 1957
foliage 2260
medicinal plants 2208, 5043
multipurpose trees 5043
nurseries 1957
optical properties 2260
plant composition 5043
root nodules 5531
seeds 1957, 5043
species trials 5531
**Beating up** 2049
***Beauveria*** 3088
***Beauveria bassiana*** 525, 3107, 3137, 4507, 5330, 5979, 6534
***Beauveria brongniartii*** 3153
***Bedfordia arborescens,*** plant composition 1542
**Beekeeping** 3492, 5000, 5779
**Bees** (*see* Honeybees)
***Beilschmiedia,*** taxonomy 3772
***Beilschmiedia bancroftii,*** essential oils 5083
***Beilschmiedia tawa***
fungal diseases, *Armillaria* 7150
mortality 6783
natural regeneration 6783
silvicultural systems 6783
**Belgium**
*Alnus glutinosa* 2742
*Betula alba* 2668
Carabidae 2408
data processing 4640
dieback 7060
*Fagus sylvatica* 2408, 2670, 4841, 6816
forest management 6880
*Melampsora allii-populina* 1645
*Melampsora larici-populina* 1645
natural regeneration 1965, 2668-2670
Oligochaeta 3135
ornamental woody plants 8177
*Phyllocnistis unipunctella* 2422
*Picea abies* 695
*Pinus sylvestris* 2668
*Populus deltoides* 2422
*Populus eugenei* 2422
*Populus trichocarpa* 2422
*Pulvinaria hydrangeae* 3082
*Quercus petraea* 4841
*Quercus robur* 4841
remote sensing 221, 7060
*Rhynchaenus fagi* 8049
soil physics 695
thinning 695
*Trypodendron lineatum* 7236
***Bellamira scalaris*** 2432
***Belotia campbellii,*** seed banks 634
***Bequaertiodendron magalismontanum,*** reproductive behaviour 5126
***Berberis***
herbicides 1273
***Berberis*** *cont.*
nurseries 1273
***Berberis aristata,*** edible species 7600
***Berberis darwinii,*** fruit 6990
***Berberis trifoliolata***
grazing 8096
rangelands 8096
**Berlin**
air pollution 3632
Aphelenchina 5327
*Bursaphelenchus fraudulentus* 5327
dieback 3626, 5117
**Berries** (*see* Fruit)
***Bertholletia excelsa***
genetics 2329
pollination 2329
***Betula***
air pollution 6951
betulin 7853
biomass 6865
coppice 6865
cycling 5752
deer 5340
economics 151
forest litter 6334
frost injury 3279
fungal diseases 3279
*Melampsoridium* 2613
German Federal Republic 6078
habit 7535
hybrids 2354, 6719
insect pests, *Phigalia* 2421
mined land 797
natural regeneration 7535
nomenclature 6456
ornamental woody plants 6456
palaeoecology 2995
plant composition 797
progeny testing 6719
provenance 151, 2613, 6719
reclamation 4535
seeds 151
shelterbelts 3169, 7311
soil biology 6334
soil chemistry 797, 6919
species trials 6719
stand characteristics 7535
stem form 7535
stemflow 5752
taxonomy 2976
throughfall 5752
tree breeding 151, 2613
water stress 6951
wood defects 3279
yeasts 7124
***Betula alba*** (*see also Betula pendula; Betula pubescens*)
air pollution 4188
bacteria 491
biomass 2, 7459
burrs 3760
canopy 2, 1602
control 4147
diameter 5638
economics 2693, 3567
fodder 1139, 7850
foliage 7850
forest ecology 6508
forest recreation 3233, 6633
German Federal Republic 1719
ground vegetation 1602, 3233
height 5638
landscape 1139
lupins 7627
mycorrhizas 6508
natural regeneration 2668-2669, 4147, 4400
palaeoecology 6461
plant composition 5079, 7850
plant succession 6479
pollarding 1139
polluted soils 6777
pruning 6812
sap 491
sap flow 923
selection 2693
silvicultural conversion 6826
soil biology 4269
stand characteristics 2693, 4188, 6479
stem form 2
tending 7558

***Betula alba*** *cont.*
translocation 923
underwood 1602
weed control 2688
yield regulation 4214
***Betula alleghaniensis***
acid rain 2149
air pollution 2149
biomass 196
cycling 2123
German Federal Republic 6719
group fellings 4768
growth regulators 3383
increment 3526
light 5089
mycorrhizas 3045, 5261
natural regeneration 115, 2789
nitrogen 5089
plant succession 427
roots 2123
shoot cuttings 3383
site class assessment 4854
stand characteristics 427, 4837
thinning 4768
volume tables 174
***Betula caerulea***
genetics 1621
hybrids 1621
***Betula celtiberica,*** tissue culture 78
***Betula cordifolia***
genetics 1621
hybrids 1621
***Betula costata,*** tissue culture 75, 1243
***Betula davurica,*** tissue culture 1243
***Betula ermanii***
autecology 3255
German Federal Republic 6719
hybrids 3255
taxonomy 3255
***Betula glandulosa,*** snow 4255
***Betula jacquemontii***
shoot cuttings 7373
tissue culture 6163, 7373
***Betula lenta***
light 5699
seed dispersal 3765
***Betula lutea*** *(see Betula alleghaniensis)*
***Betula mandshurica*** *(see Betula platyphylla)*
acid rain 272
groundwater 793
***Betula maximowicziana***
acid rain 272
fibres 1475
***Betula nana***
foliage 1530
gene flow 7980
hybrids 7980
plant composition 1530
underplanting 4163
***Betula nigra***
irrigation 7369
nurseries 7369
ornamental woody plants 7369
***Betula oycoviensis,*** foliage 2354
***Betula papyrifera***
callus 5041
control 4778
cytology 2781, 5027
diameter 3494
dieback 3637
fungal diseases, *Ceratocystis* 1641
genetics 1621, 2352
German Federal Republic 6719
heat injury 2781
heavy metals 5687
hybrids 1621
insect pests
*Fenusa* 7263
*Orgyia* 7264
mixtures 5573
natural regeneration 1010, 4770, 5573
plant composition 5027
plant nutrition 2126
remote sensing 5687, 5690
seed banks 4714
stand characteristics 1010
stumps 3494
symbiosis 1922
synecology 957
tissue culture 1922
***Betula papyrifera*** *cont.*
underwood 1603
wildlife 1697
wounds 5041
***Betula pendula*** *(see also Betula alba)*
acid rain 1424, 6536
air pollution 2159, 7739
artificial regeneration 4771, 6209
bacteria 7125
biomass 2740
browsing damage 5365
bud culture 4096, 4734
buds 6417
coppice 1281, 5571
crown 2966
deer 5365
defoliation 4360
discoloration 4323
drainage 3500
dunes 408
enzymes 6555
flowers 5087
foliage 315, 884, 2159, 4459, 6417, 6531, 6555
genetics 2336
German Federal Republic 1721, 6719
ground vegetation 835
growth regulators 5087
habit 5009
heavy metals 7739
insect pests 4459, 6531
*Apocheima* 4473, 6555
*Coleophora* 4473
*Cossus* 6616
*Euceraphis* 6536
*Lygus* 8027
mechanics 5009
mine spoil 1412
mixtures 2006, 2041, 2064
mycorrhizas 821-822, 1043
natural regeneration 6209
Nematoda 5327
NPK fertilizers 4106
peatlands 3500
phenology 1458
plant composition 2159, 2336, 6417
plant disorders 2966
plant nutrition 812, 821-822
plant succession 425
planting stock 1270
pollen 5087, 7968
reproductive behaviour 4360
root nodules 5883
roots 3500
sap 7125
seeds 151
shelterbelts 6616
shoot cuttings 4096
shoots 4360, 5009
site preparation 4106
soil chemistry 812
soil toxicity 812
stand characteristics 3287
symbiosis 5883
taxonomy 315
thinning 2006
throughfall 835
tissue culture 1915, 7506
underplanting 4163
urban forestry 7739
volume tables 2041
water stress 6536
wind damage 6323
wood anatomy 4323
wounds 4323
yeasts 7125
yield forecasting 544, 2064
***Betula pendula* f. *carelica***
planting stock 2635
tissue culture 2635
***Betula pendula* × *B. szaferi,*** foliage 2354
***Betula platyphylla***
cell culture 3376
cell walls 6999
humus 4921
insect pests, *Euceraphis* 7275
photosynthesis 7722
plant water relations 7722
salt tolerance 7722
sap 1561
wounds 1561
***Betula populifolia***
foliage 315
genetics 1621
hybrids 1621
taxonomy 315
***Betula pubescens*** *(see also Betula alba)*
air pollution 2159
bark 4482
biomass 2740
browsing damage 5365
coppice 5013, 6207
deer 5365
drainage 4864
dunes 408
extractives 4482
foliage 884, 2159, 4459, 6531
fungal diseases 6207
gene flow 7980
German Federal Republic 6719
habit 5013
hybrids 7980
increment 5013
insect pests 4459, 6531
light 3572
mine spoil 1412
mixtures 2006, 2041, 2064
mycorrhizas 3860
natural regeneration 2670
Nematoda 5327
plant composition 2159
plant succession 425, 4382
pollen 7968
precipitation 2490
seedlings 5013
silvicultural conversion 6861
silviculture 1288
site class assessment 4864
stand characteristics 1288, 4382
thinning 2006
throughfall 2490
underplanting 4163
vegetation types 564
volume tables 2041
wind damage 6323
yield forecasting 544, 2064
***Betula schmidtii,*** tissue culture 1243
***Betula szaferi,*** taxonomy 936
***Betula tortuosa***
climate 7932
foliage 4459
insect pests 4459
palaeoecology 7932
silviculture 702
treelines 7932
***Betula verrucosa*** *(see Betula pendula)*
**Betulaceae,** taxonomy 2976
***Bhima idiota*** 4477
**Bhutan**
*Arceuthobium pini* 5297
bamboos 2873
books 4584
climate 2873
forestry 4584
*Ips schmutzenhoferi* 3110, 3115, 6564
*Picea spinulosa* 6564
**Bibliographies**
agroforestry 4594, 4598, 4600, 5459
air pollution 7390-7391
bark beetles 6
browse 3262
Colombia 4593
*Conophthorus* 8
*Cupressocyparis leylandii* 6662
dieback 7390-7391
Diptera 7
dormancy 2575
economics 7388
Finland 5
fodder 3262
forest administration 6664
forest inventories 4879
forest management 6664
forestry 5, 4016
forestry development 7388
*Grevillea robusta* 4599
herbicides 3263
Heske, F. 28
insect pests 6, 1152
Isoptera 6
land use 6664
Madagascar 7389

**Bibliographies** *cont.*
natural layering 6663
Pavari, A. 576
pesticides 577
*Picea mariana* 6663
*Pinus contorta* 4597
*Pinus monticola* 4595
*Quercus* 5458
rural economy 7388
*Salix* 1153
*Santalum album* 4
seeds 1236, 1815, 2575, 6665
Somalia 4016
sustainable land use 3182
theses 7389
tropical forests 3182
*Ursus arctos* 578
watersheds 4596, 7295
wood borers 6
***Bifiditermes improbus*** 5301
**Biochemistry** 911, 917, 919-920, 1164, 1537, 1545, 1563-1564, 1569, 1918, 2261, 2895, 2953, 2964-2965, 3741, 4331-4332, 4347, 5089, 5093, 5793, 5800, 6419-6421, 6668, 6964, 7045-7048, 7497-7500, 7848, 7885
books 575
**Biographies**
Bernhardt, A. 5490
Borggreve, B. 5490
Büsgen, M. 5490
Cotta, W. 2588
Gayer, K. 5615
Hartig, G. L. 6293
Heske, F. 28
Heyer, G. 5490
Lange, J. H. 2588
Michaelis, K. 5490
Mitscherlich, A. 5490
Oelkers, J. 5490
Pressler, M. R. 1173
Pressler, M.R. 4042
**Biological control** (*see also* Bacterial diseases; Insect pests, parasites; Insect pests, predators; Insect pests, viruses)
bacterial diseases 4447, 7171
books 6656
fungal diseases 3058, 4448
*Armillaria* 4450
*Ceratocystis* 3056
*Fusarium* 2402-2403, 7169
*Rhizoctonia* 7169
insect pests 3925
Aphididae 8079
*Atteva* 5330
by *Agathis* (Hymenoptera) 3144
by *Araneo* 6585
by *Beauveria* 525, 3137, 4507, 5330, 5979, 6534
by *Chrysopa* 2450
by *Coccygomimus* 8036
by *Conidiobolus* 5981
by *Curinus* 3152, 8080
by *Forficula* 8079
by Formicidae 3924
by *Gyranusoidea* 7254
by *Heterorhabditis* 5967
by *Metarhizium* 3137
by *Misumena* 6585
by *Nemoraea* 5315
by *Neoaplectana* 4508, 5967
by *Nosema* 7260
by *Ontsira* 4512, 7277
by *Paecilomyces* 5332, 5981, 6534
by *Psychophagus* 5315
by *Psyllaephagus* 6588
by *Rhizophagus* 4489
by *Serratia* 3137
by *Steinernema* 6586
by Tachinidae 3149
by *Tetrastichus* 3918
by *Trichogramma* 3138
by *Vavraia* 7260
by *Verticillium* 6534
*Coleophora* 3144
Coleoptera 3149
*Corythucha* 6534
*Cydia* 525
*Dendroctonus* 4489
*Dendrolimus* 5332, 6546
*Drosophila* 3918

**Biological control** *cont.*
insect pests *cont.*
*Fentonia* 3138
Hemiptera 3149
*Heteropsylla* 3152, 5974, 5978-5979, 5981, 6588, 8080
*Hylobius* 4507
*Hyphantria* 5315
*Lambdina* 7217
*Lampronadata* 3138
Lepidoptera 3149
*Lymantria* 7260
*Matsucoccus* 2450
*Monochamus* 3137, 7277
*Neodiprion* 1680, 3923, 6585
*Otiorhynchus* 5967
*Phalera* 3138
*Phigalia* 2421
*Prionoxystus* 4508
*Rastrococcus* 7254
reviews 3149
*Rhyacionia* 8036
Scarabaeidae 6586
*Semanotus* 4512
*Sirex* 7246
*Strobilomyia* 525
*Synanthedon* 5967
research 7456
reviews 3925, 6656
weeds 6231
wildlife 7291
woody weeds 127, 1072, 2395, 4493, 5599, 7193
**Biomass**
*Abies* 5642
*Acacia* 7609
*Alnus* 7459
*Betula* 2740, 6865, 7459
books 4014
Caesalpiniaceae 7634
Canada, Ontario 3532, 4693
*Carpinus* 6865
*Castanea* 2056, 6865
China 2055
Beijing 5644
conferences 1156, 4014, 4601, 4613, 6083, 7394
*Copaifera* 3513
*Cryptomeria* 4858
Czechoslovakia 742, 2050-2051, 6127
economics 6206, 7530
equations 184, 595, 743, 752, 1344, 2057, 2061, 2739-2740, 3513, 3516, 3519, 4846, 4865, 5410, 5628, 6865, 7459, 7606-7607, 7609
*Eucalyptus* 4777, 5657
*Fagus* 2050-2051, 5642
Finland 1052
for energy 234, 1148, 1156, 4884, 6203, 7394
*Acacia* 2057, 2061, 3331
*Albizia* 1855
*Calliandra* 3331
*Eucalyptus* 6780
*Gliricidia* 3331
*Leucaena* 3331
*Pinus* 1200
*Populus* 6206, 6244, 7469
*Robinia* 5649, 7469
*Salix* 1052, 1992, 4201, 6125, 6204
*Sesbania* 3331
*Vitex* 610
France 6865
French Guiana 7634
India
Gujarat 2057
Himachal Pradesh 1148
Karnataka 2289
Uttar Pradesh 610, 4859
Italy 731
Japan 188, 192
*Joannesia* 3596
Kalimantan 747
*Leucaena* 4831, 4848
*Machaerium* 3513
measurement 4613, 4846, 6682
*Pera* 3513
*Picea* 2739-2740, 5642
*Pinus* 2056, 2740, 3596, 4846, 6387
*Populus* 2055, 5520, 6206, 7459

**Biomass** *cont.*
Portugal 4128
production 2, 188, 2048, 4014, 4329, 7394, 7531
(*see also* Foliage, measurement; Forest litter, measurement; Increment, weight; Weight determination)
*Abies* 3519, 5647, 5659
*Acacia* 2057, 2805, 4860
*Acer* 4766
*Alnus* 2052, 3340, 3419, 3523, 4766, 6282, 7978
broadleaves 4276
*Calliandra* 1318
*Careya* 2060
*Castanea* 6127
*Casuarina* 4860
*Catalpa* 4766
*Chamaecyparis* 187
*Cryptomeria* 185, 7623
*Eucalyptus* 3340, 3610, 4128, 4765, 7571
*Fagus* 2045
*Flemingia* 1347
*Gleditsia* 4766
*Gliricidia* 1318, 1347, 5628, 6352
*Gmelina* 4865
*Juglans* 4200, 6127
*Lannea* 2060
*Larix* 5647
*Leucaena* 1318, 1347, 1745, 7571
*Liquidambar* 4845
*Litsea* 5223
*Melastoma* 5223
*Mussaenda* 5223
*Oxyspora* 5223
*Picea* 3519, 5647
*Pinus* 1019, 1200, 2053, 3510, 3516, 4765, 4845, 4859, 5644, 5647, 6127, 6280
*Platanus* 4766
*Populus* 3340, 4209, 4766
*Prosopis* 4849, 6368
*Quercus* 4200, 4859, 5644, 6127
*Robinia* 4766, 4857
*Salix* 742, 1052, 4209, 4766, 6424
*Sapium* 6205
*Sesbania* 1318
*Shorea* 4859
*Terminalia* 2060
*Tilia* 6127
*Tsuga* 5659
*Ulmus* 4766
*Vitex* 610
*Quercus* 2056, 4198, 5642, 6865
*Robinia* 1344
*Salix* 4201, 4693, 6125, 7459
*Shorea* 2048
simulation 195-196, 2739-2740
statistical methods 19, 595, 1169, 4613, 4848, 6682
Sweden 2739-2740, 6125
*Tabebuia* 3596
Taiwan 185, 190
*Tapirira* 3513
*Terminalia* 3513
theory 195
*Tilia* 2056
*Triplochiton* 184
UK 4201
USA 7531
Alabama 745, 6847
Arkansas 6847
Florida 446, 1200, 6780
Georgia 1346
Kentucky 6847
Michigan 7469
Mississippi 6847
North Carolina 1346
Oklahoma 2736
Pennsylvania 6206
South Carolina 1346
Tennessee 6847
Virginia 1346
Washington 5659, 6244
Wisconsin 7530
USSR, Byelorussian SSR 7459, 7952
**Biotechnology** 29, 1160, 1175, 1913-1920, 1925-1928, 1985, 2324-2325, 2330, 2335, 2339, 2355, 3315, 4618, 4738, 5228, 5231, 6139, 6166, 7964, 7981

**Biotechnology** *cont.*
books 1256
reviews 1608, 7982
**Birds**
Australia
New South Wales 2480, 5353
Queensland 5351
biology 4522, 5342, 5355, 5992
Strigiformes 4608
Bulgaria 3937
computer techniques 4527
conservation 2164, 2484, 4523, 4542, 4608, 5465
control 6261
Czechoslovakia 1000
damage 924, 1291
ecology 536, 1088, 1580, 2467, 2475, 2480, 2484, 4394, 4458, 4522, 5342, 5355, 5992-5993, 5998, 7175, 7285-7286, 7290
*Aix* 2472
*Aphelocoma* 6004
*Archilochus* 2353
*Bonasa* 1096, 2477
*Calyptorhynchus* 5353
*Columba* 5351
*Cyanocitta* 3002
*Haliaeetus* 2473
*Lopholaimus* 5351
*Macropygia* 5351
*Meleagris* 2474, 4524
Meliphagidae 6437
*Parus* 3935
*Ptilinopus* 5351
Strigiformes 4608
*Strix* 4527
*Syrmaticus* 7288
*Wilsonia* 5361
*Zosterops* 5354
Japan 2467
management 539, 1695-1696, 2117, 2164, 2472-2473, 3935, 4524, 7290
methodology 3933, 5993
Mexico 5361
New Zealand 7290
pesticides 3933, 8104
pests 6667
Poland 8104
UK 4528, 7286
USA 2164, 5992
Arizona 4522, 5342
Colorado 5998
Florida 4394
Hawaii 5354
Maine 7285
New Hampshire 8100
New York 5355
North Dakota 1088
Oregon 7092
Washington 7093
***Bischofia javanica***
synecology 5183
vegetation types 6471
***Bjerkandera adusta*** 4434
***Blarina brevicauda*** 3112
***Blastestheia*** 5939
***Blastopetrova keteleericola*** 4479
***Blastophagus piniperda*** (*see Tomicus piniperda*)
***Blepharida conradsi*** 1073
***Blepharida marginalis*** 1073
***Blepharida sacra*** 1073
***Blepharocalyx suaveolens,*** phenology 3672
**Bluestain** (*see* Stain fungi)
***Blumeodendron,*** synecology 1598
***Blumeriella*** 2363
***Bocconia,*** wood anatomy 326
***Bocoa viridiflora,*** evapotranspiration 6934
**Bogs** (*see also* Afforestation, peatlands; Vegetation types, bogs)
***Boletinus cavipes*** 454
**Bolivia**
afforestation 5370
flora 7078
nature conservation 6063
***Bolusanthus speciosus,*** plant composition 1514
***Bombacopsis malabaricum***
gums 4818
resin tapping 4818
***Bombacopsis quinata***
Costa Rica 2724
increment 2724
site class assessment 2724
species trials 3347
***Bombax ceiba*** (*see Bombax malabaricum*)
***Bombax costatum,*** natural regeneration 3932
***Bombax malabaricum***
fungal diseases 5267
mistletoes 5267
nurseries 5267
plant succession 4709
seed germination 4709, 5242
seedlings 5242
seeds 5242
variation 5242
water stress 4709
**Bombinae** 7176
***Bombycilla cedrorum*** 5822
***Bonasa umbellus*** 1096, 2477
**Book-keeping** (*see* Accounting)
**Books**
Acari 6657
acid rain 4011
afforestation 1814
agroforestry 574, 1806, 4013, 4591, 5453-5455, 8158
air pollution 5456, 6962-6964
Bhutan 4584
biochemistry 575
biological control 6656
biomass 4014
biotechnology 1256
botany 4578-4579
carbon dioxide enrichment 6653
choice of species 5457
Chrysomelidae 2569
climate 3, 1143
credit 4587
cytology 575
deforestation 3250, 5450
desertification 5454
dieback 5456
diseases 3252, 6661, 7142
drought injury 5456
dunes 2521
economics 1808, 4012
energy resources 3
environment 4580
flora 4579
foliage 6654
forest influences, hydrology 1
forest ownership 4012
forest policy 1814, 4012
forest recreation 1809
forest resources 3
forestry 573, 1145, 3253, 3256, 4583-4584, 7386
forestry development 4585, 4587
*Formica* 6655
frost injury 5456
fungal diseases 5456, 6661, 7142
genetics 1804, 7387
Ghana 7386
greenhouses 6653
heat injury 5456
history 4583
ice damage 5456
India, Kerala 7385
indicator plants 1810
insect pests 1811, 3068, 4582, 5456, 6657
intensive silviculture 1812
Kenya 3256, 4580
land use 3
landscape 2570
landscape ecology 974-978, 1128, 1134, 1139
legislation 4012
mangroves 4589
Mauritania 1147
microclimate 6077
minor forest products 7386
Mollusca 6657
mycoplasmal diseases 6661
nature conservation 1809, 6659, 7080, 7091, 7387
Nematoda 6657, 6661
Nepal 573, 4584-4585, 5450
ornamental woody plants 2570, 3252
**Books** *cont.*
phenology 1805
*Picea* 5456
plant anatomy 6654
plant physiology 575
pollution 3
private forestry 1807
pruning 3251
rain forests 4015, 4588
reclamation 5452
*Robinia pseudoacacia* 5449
rural economy 4580, 4592
Sarawak 4581
seed germination 1223-1226
shifting cultivation 5451, 5453
silvicultural systems 1141-1142, 2571, 5457
silviculture 5457
simulation 1812, 6658
snow 5456
social forestry 574, 4590
sociology 4580
soil conservation 1806
soil types 3254
South East Asia 2568
street trees 1146, 3252
sustainable land use 1813, 6660
synecology 6076, 6658
tissue culture 1804
translocation 575
tree breeding 1804
tropical forests 1813
urban forestry 1793
vegetation types 2567, 6076
vegetative propagation 6652
viral diseases 6661
wildlife 5456
wind damage 5456
wood anatomy 4586
wood chemistry 4586
wood properties 4586
**Boraginaceae,** Brazil 946
***Borassus aethiopum***
Africa 562
agroforestry 562
multipurpose trees 562
**Boring insects** (*see also* Bark beetles; Wood borers)
***Boscia salicifolia***
wood anatomy 309
wood chemistry 309
***Boselephus tragocamelos*** 8106
***Boswellia,*** taxonomy 6458
***Boswellia frereana***
medicinal plants 6834
resins 6834
***Boswellia sacra***
medicinal plants 6834
resins 6834
**Botanical gardens** 3221, 4566
**Botany** 5003-5004, 5143, 5769-5772, 6984-6987
books 4578-4579
***Botryodiplodia theobromae*** 3862-3863, 4429
***Botryosphaeria dothidea*** 2392-2393
***Botryosphaeria stevensii*** 7059
***Botrytis cinerea*** 472, 1053, 3881, 6932, 7998
**Botswana**
fuel plantations 6060
hydrology 3557
remote sensing 3557
social forestry 6060
vegetation types 3557
***Bougainvillea spectabilis***
air pollution 2150
foliage 2150
plant composition 2150
***Bowdichia virgilioides***
alkaloids 5059
bark 5059
medicinal plants 5059
***Brabeium stellatifolium***
photosynthesis 6941
plant water relations 6941
***Brachychiton***
autecology 1583
distribution 1583
keys 1583
taxonomy 1583

***Brachylaena neriifolia***
photosynthesis 6941
plant water relations 6941
***Brachystegia***
charcoal 3963
clear felling 1968
natural regeneration 1968
stand characteristics 1968
***Brachystegia boehmii***
browse 6601
elephants 3012, 6601
forest fires 3012
***Brachystegia longifolia***
browse 6601
elephants 6601
***Brachystegia spiciformis***
elephants 3012
forest fires 3012
***Brachystegia stipulata***
browse 6601
elephants 6601
**Bräcke cultivator** 6800
**Bräcke mounder** 3435
**Bräcke scarifier** 706, 3475
***Bradyrhizobium*** 3042, 5873, 7988
**Branches** 895, 923, 2031, 2874, 4424, 4841, 5008, 5011-5012, 5774, 5776, 6386, 7806, 7822
**Branchwood** 3686, 7822
**Brashing** (*see* Pruning)
***Brassaiopsis glomerulata,*** shoot cuttings 5630
***Brassaiopsis hainla,*** shoot cuttings 5630
**Brazil**
*Acacia mearnsii* 2639
acid rain 4625
agroforestry 204, 1119-1121, 2769, 3213, 3964, 3975, 3979, 4548
air pollution 4625, 4969
*Albizia adianthifolia* 3514
*Anadenanthera macrocarpa* 3334
*Anthocephalus chinensis* 3514
*Astronium concinnum* 3764
*Astronium urundeuva* 1039, 3334
*Bactris gasipaes* 3979
biomass 3513
birds 5465
Boraginaceae 946
browse 3486
*Cariniana legalis* 878, 1035
*Caryocar glabrum* 7924
*Caryocar pallidum* 7924
*Caryocar villosum* 7924
cerrado 3513, 3550, 3566, 3672, 3809
charcoal 3566
choice of species 4008
climate 4541, 5385
conferences 580, 5465
*Copaifera langsdorfii* 3334, 3513
*Cordia* 946
*Cordia goeldiana* 5640
cycling 806, 826, 3608
*Dalbergia monetaria* 7029
data processing 6685
deforestation 204, 4541, 4998, 5385, 5388
dendrochronology 5026, 6073, 6651
*Dipteryx alata* 616, 3334
*Dirphia araucariae* 3084, 3899
economics 227, 2768-2769, 3565
education 6118
environmental protection 5465
epiphytes 4969
ethnobotany 6831
*Eucalyptus* 152, 617, 620, 741, 798, 3330, 3566, 3906, 4810
*Eucalyptus citriodora* 778, 3336
*Eucalyptus cloeziana* 1063
*Eucalyptus dunnii* 2962, 2970
*Eucalyptus grandis* 618, 723, 740, 750, 1041, 3540, 3565, 3610, 3648, 3840, 7657
*Eucalyptus grandis* × *E. urophylla* 618, 1041
*Eucalyptus maculata* 3565
*Eucalyptus saligna* 659, 667, 1041, 2784, 3565
*Eucalyptus umbra* 618
*Eucalyptus urophylla* 618, 778, 3648
*Euterpe edulis* 4548
*Euterpe oleracea* 2691, 6833

**Brazil** *cont.*
farm forestry 778
fertilizers 798
flora 946, 7941
fodder 4820
forest borders 3230
forest ecology 3656
forest fires 4998
forest influences 861, 1119-1120, 3656
forest litter 805-806, 1404
forest management 204, 580, 778, 5497, 6831, 6833, 6835
forest recreation 580, 1132
forestry development 5497
fuel plantations 227
fuelwood 2616
*Gallesia gorarema* 1037
*Goupia glabra* 7924
grazing 1121
*Grevillea robusta* 8122
*Guarea pendula* 3775
*Hevea brasiliensis* 6835
*Ilex* 3788
*Ilex paraguariensis* 8163
international cooperation 6118
*Iryanthera jurensis* 7924
*Joannesia princeps* 3596
legislation 1129
Lepidoptera 3906
*Leucaena leucocephala* 6186
*Machaerium acutifolium* 3513
medicinal plants 4825
*Melia azedarach* 3514
*Mimosa scabrella* 2616, 2768-2769
minor forest products 1129, 4815, 6831
mixtures 7571, 7776
*Mouriri retentipetala* 383
multipurpose trees 2691
national parks 580
nature conservation 3230, 5388, 5465, 7924, 7941
*Nectandra mollis* 3763
nurseries 3408
*Ocotea albescens* 937
*Ocotea duplocolorata* 937
*Orbignya martiana* 5497
organizations 5465
*Oxydia vesulia* 1063
Palmae 4815, 7077
*Peltophorum dubium* 1036, 2615
*Pera obovata* 3513
*Pinus caribaea* 170, 619, 621-622, 3508, 3905
*Pinus elliottii* 170, 621-622, 643, 692, 709-713, 746, 861, 1121, 3031, 3430, 3508-3509, 3516, 3596, 4179, 4205
*Pinus kesiya* 170, 621-622, 724, 826, 4548
*Pinus michoacana* 621-622
*Pinus oocarpa* 170, 621-623, 3508
*Pinus patula* 170, 621-622, 861, 3522
*Pinus pinaster* 1120
*Pinus taeda* 170, 621-622, 861, 3329, 3508, 3905
plant water relations 3230
plantations 4810
*Plathymenia reticulata* 3334
*Prosopis juliflora* 6973
provenance 616-619, 623, 2615-2616, 3330, 3336, 3840
*Pterodon pubescens* 3334
*Pterogyne nitens* 1038
relief 789
remote sensing 774, 789, 3550
reserved forests 1129
resin tapping 622, 709-713, 4179
riparian forests 996, 3656
*Ruprechtia glauca* 7914
*Ruprechtia laxiflora* 7914
*Ruprechtia maracaensis* 7914
*Ruprechtia nitida* 7914
*Scleronema micranthum* 7924
secondary forests 3608
shade trees 1440-1441, 3975
shelterbelts 1109, 8122
shifting cultivation 204, 4998
site class assessment 811, 7657
social forestry 8163
soil chemistry 798, 861, 6973, 7786
soil fertility 204, 811, 3596

**Brazil** *cont.*
soil fungi 1404
soil types 798, 6186
species trials 617, 620-622, 3330, 3334, 3514
*Spodoptera dolichos* 3905
stemflow 3608
street trees 4008
synecology 953, 3809, 4390, 5182
*Tabebuia* 3596
*Tabebuia barbata* 5026
*Tabebuia chrysotricha* 3334
*Tapirira* 3513
taxes 741
*Tectona grandis* 3514
*Terminalia brasiliensis* 3513
throughfall 3608
*Tournefortia* 946
tree breeding 580
*Triplaris mato-grossensis* 7914
*Tristania conferta* 3514
tropical forests 2329
*Urera baccifera* 4390
vegetation types 806, 1404, 3566, 4390, 4625, 5182, 7941
*Virola calophylla* 7924
*Vismia schultesii* 6455
*Vochysia* 3771
*Vochysia thyrsoidea* 7001
*Votomita roraimensis* 383
*Xylopia sericea* 3674
***Bretschneidera sinensis***
habit 388
taxonomy 388
***Brosimopsis oblongifolia***
flavonoids 3704
plant composition 3704
roots 3704
***Brosimum alicastrum,*** light 2777
***Broussonetia papyrifera,*** bark 5072
***Brownea ariza***
bark 2208
medicinal plants 2208
**Browse**
Africa 7596
bibliographies 3262
Brazil 3486
Colombia 4821
conferences 4020
Ethiopia 5337
Greece 3702
India 1691, 1748
Maharashtra 5983
Korea Republic 3160
Malawi 6601
measurement 1165
Namibia 1165
Nepal 4020
Nigeria 531
research 1748
Sahel 1319
Somalia 2197-2198, 2298, 2466, 5985-5986, 6262, 6265-6267, 6384
South Africa 3485, 4520, 8091-8092
Tropics 1824, 7595
Tunisia 1165
USA
Alaska 1090, 5363
Maine 1092
New Hampshire 6605
South Carolina 1085
Utah 8090
Vermont 6604
USSR 7815
Byelorussian SSR 8102
**Browsing damage** 533-535, 544, 1006, 1089, 1091, 1962, 1979, 2049, 2469, 2677, 2876, 3162, 3932, 3940, 6001, 6601, 6787, 7291
***Brucea javanica***
alkaloids 7500
biochemistry 7500
cell culture 7500
medicinal plants 7500
**Bruchidae** 5319, 7233
***Bruchidius*** 5319
***Bruchus*** 5319
***Bruchus bilineatopygus*** 2437
***Bruguiera***
forest litter 3588, 7728
insect pests, *Chaetocnema* 518

***Bruguiera* cont.**
shelterbelts 3953
synecology 7728
***Bruguiera cylindrica***
forest litter 3589
protection forests 3953
shelterbelts 3953
***Bruguiera exaristata***
forest litter 7708
seed predation 4363
seeds 4363
synecology 4363
***Bruguiera gymnorrhiza***
aquaculture 5369
artificial regeneration 2306
floods 4909
forest litter 4909, 5247
growth regulators 7057
keys 3009
maps 3009
natural regeneration 112, 2306
plant composition 1562
plant physiology 1562
plant water relations 1562
protection forests 3953
reproductive behaviour 2268
seed predation 4363
seeds 4363
shelterbelts 3953
synecology 3009, 3807, 4363
volume tables 178
***Bruguiera parviflora***
protection forests 3953
shelterbelts 3953
***Bruguiera sexangula***
increment 738
protection forests 3953
shelterbelts 3953
synecology 3229
***Brunchorstia pinea*** (*see Gremmeniella abietina*)
**Brush control** (*see* Weed control, woody weeds)
***Buchanania lanzan***
seed germination 7492
wood anatomy 3682
***Bucida buceras*,** wood anatomy 334
***Bucida ophiticola*,** wood anatomy 334
***Bucida palustris*,** wood anatomy 334
***Bucida spinosa*,** wood anatomy 334
***Bucida subinermis*,** wood anatomy 334
**Budding** (*see* Vegetative propagation, budding)
***Buddleja americana*,** agroforestry 1756
***Buddleja asiatica***
nurseries 4704
seed germination 4704
seedlings 4704
shoot cuttings 5630
**Buds** 494, 552, 913, 1479, 1485, 2227, 2230, 2238, 2241, 2929, 2943, 4333, 4764, 5095, 5550, 6380, 6400, 6417, 7827, 7863, 7882
**Buffaloes** 5631, 8106
**Bulgaria**
agroforestry 8157
air pollution 3937
altitude 2281
arboreta 3337
birds 3937
*Cervus elaphus* 2470
*Crataegus heldreichii* 7931
exotics 3337
*Fagus sylvatica* 2281, 3471, 3536
forest borders 2281
*Lymantria dispar* 2427-2428
Nematoda 2446
nurseries 2446
*Picea abies* 2166, 3527
*Pinus heldreichii* 2871
*Pinus nigra* 3365
*Pinus sylvestris* 2167
*Populus* 'Androscoggin' 3653
*Populus* 'Kreuzung' 3653
*Pseudotsuga menziesii* 3528
*Quercus frainetto* 1854
selection forests 3527
soil biology 2116
species trials 3337
standards 3258-3260
synecology 2281
**Bulgaria** *cont.*
*Taxodium distichum* 2195
tractors 3257
vegetation types 3471
***Bulnesia arborea*,** taxonomy 3777
***Bulnesia bonariensis*,** taxonomy 3777
***Bulnesia carrapo*,** taxonomy 3777
***Bulnesia chilensis*,** taxonomy 3777
***Bulnesia foliosa*,** taxonomy 3777
***Bulnesia retama*,** taxonomy 3777
***Bulnesia sarmientoi*,** taxonomy 3777
***Bulnesia schickendantzii*,** taxonomy 3777
***Bupalus piniarius*** 1662, 3891
**Buprestidae** 7226-7227
***Bureavella wakere*,** plant morphology 7829
***Burkea africana*,** flavanols 7876
**Burkina Faso**
agroforestry 3563
*Azadirachta indica* 5691
beekeeping 5000
Bruchidae 7233
*Callosobruchus maculatus* 7233
*Chilades cleusis* 7233
deforestation 3551
labour 6706
land use 1159, 3563
multipurpose trees 5000
nature conservation 3551
remote sensing 3551, 3563
social forestry 1159
sustainable land use 1159
vegetation types 3551
**Burma,** *Azadirachta indica* 3701
**Burrs** 3760
***Bursaphelenchus*** 4504
***Bursaphelenchus fraudulentus*** 5327
***Bursaphelenchus mucronatus*** 2447, 4504
***Bursaphelenchus xylophilus*** 511, 515-516, 1079, 1104, 1677, 2448-2449, 3134, 4504, 6577, 7277, 8071
***Bursera leptophloeos*,** flavonoids 7854
***Bursera simaruba***
climbers 4361
fruiting 4361
increment 7621
**Burundi**
agroforestry 1747
fodder 1747
**Bush fallow** (*see* Shifting cultivation)
***Butea monosperma***
foliage 2260
galls 7238
insect pests, *Pachyonyx* 7238
light 1387
optical properties 2260
phenology 1387
***Butea superba*,** medicinal plants 7605
**Butt rots** (*see* Root and butt rots)
**Buttresses** (*see* Stem form, buttresses)
***Butyrospermum paradoxum***
beekeeping 5000
botany 5000
multipurpose trees 5000
**Buxaceae,** taxonomy 3769
***Buxanthus***
foliage 7915
taxonomy 7915
***Buxella***
foliage 7915
taxonomy 7915
***Buxus***
foliage 7915
insect pests, *Monarthropalpus* 4498, 5962
taxonomy 7915
***Buxus koreana***
photosynthesis 7722
plant water relations 7722
salt tolerance 7722
***Buxus microphylla*,** afforestation 3947
***Buxus papillosa***
foliage 5052
medicinal plants 5052
terpenoids 5052
***Buxus sempervirens***
alkaloids 6405
insect pests 7276
steroids 6405
***Byrrhus fasciatus*** 8021
***Byrrhus pilula*** 8021
***Byrrhus pustulatus*** 8021
***Byrsonima sericea***
calorific value 2225
wood chemistry 2225
wood density 2225
**CAB International** 7430, 7456
***Caeoma deformans*** 1058
***Caesalpinia bracteosa***
browse 3486
fertilizers 3486
plant composition 3486
***Caesalpinia coriaria***
autecology 894
mycorrhizas 5251
plant morphology 894
wood anatomy 894
***Caesalpinia decapetala*,** medicinal plants 1327
***Caesalpinia mollis***
autecology 894
plant morphology 894
wood anatomy 894
***Caesalpinia peltophoroides*,** seeds 3359
***Caesalpinia pulcherrima*,** street trees 5433
***Caesalpinia reticulata***
autecology 894
plant morphology 894
wood anatomy 894
***Caesalpinia violacea*,** increment 7621
**Caesalpiniaceae,** biomass 7634
**Caesalpinioideae,** root nodules 7127
***Cajanus cajan***
agroforestry 5396, 5412, 6626
branches 2031
choice of species 6626
green manures 5412
growth regulators 2031
lac 2031
multipurpose trees 6626
reviews 6626
shade trees 3172
***Calamus***
autecology 3670
distribution 2712, 3670
keys 3670, 3779, 3784
NPK fertilizers 2714
phenology 3670
plant anatomy 2890, 3670
plant morphology 3670
taxonomy 3670
**Calamus,** taxonomy 3779
***Calamus austro-guangxiensis***
plant morphology 5827
taxonomy 5827
***Calamus batanensis*,** taxonomy 3779
***Calamus burckianus***
fruit 2219
genetics 2219
variation 2219
***Calamus caesius***
fungal diseases 5265
Sabah 3490
weight determination 2716
***Calamus dimorphacanthus*,** taxonomy 3779
***Calamus dransfieldii***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
***Calamus formosanus*,** plant morphology 6997
***Calamus gamblei***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
seed germination 2714
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus guruba***
fungal diseases, *Guignardia* 5284
insect pests, *Ommatolampes* 5956
***Calamus halconensis*,** taxonomy 3779
***Calamus hookerianus***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
***Calamus huegelianus***
silvicultural characters 2714
silviculture 2714

***Calamus huegelianus*** *cont.*
species trials 2714
***Calamus latifolius,*** insect pests, *Ommatolampes* 5956
***Calamus longisetus***
botany 2713
seed germination 2713
silvicultural characters 2713
***Calamus manan***
fertilizers 2027
fruit 2218
fungal diseases 5265
growing media 7529
keys 3784
nurseries 2025-2027
seed germination 2218
***Calamus merrillii***
branches 2874
habit 2874
suckering 2874
***Calamus metzianus***
autecology 3670
distribution 2284
phenology 3670
plant anatomy 3670
plant morphology 3670
***Calamus microcarpus,*** taxonomy 3779
***Calamus nagbettai***
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus obovoideus***
plant morphology 5827
taxonomy 5827
***Calamus orientalis,*** plant morphology 6997
***Calamus ornatus***
forest inventories 3489
keys 3784
Philippines 3489
***Calamus pseudotenuis***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
seed germination 2714
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus rotang***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
***Calamus scipionum***
forest inventories 7660
keys 3784
***Calamus siphonospathus***
plant morphology 6997
taxonomy 3779
***Calamus thwaitesii***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus trachycoleus***
fertilizers 2029
fungal diseases 5265
planting 3490
Sabah 3490
support trees 2029
weight determination 2716
***Calamus travancoricus***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus vattayila***
autecology 3670
phenology 3670
plant anatomy 3670
plant morphology 3670
silvicultural characters 2714
silviculture 2714
species trials 2714
***Calamus vattayila*** *cont.*
taxonomy 2272
***Calamus viminalis,*** insect pests, *Ommatolampes* 5956
***Calamus wailong***
plant morphology 5827
taxonomy 5827
***Calamus yunnanensis***
plant morphology 5827
taxonomy 5827
***Calliandra***
agroforestry 6011
erosion control 6011
species trials 3349
***Calliandra angustifolia,*** plant physiology 1575
***Calliandra calothyrsus***
agroforestry 3200, 3210, 5397, 5409, 6032, 6055
biomass 1318, 3331
botany 5772
choice of species 6032
coppice 3331
fertilizers 3200, 5397
fodder 7467, 7595
foliage 1318
fuelwood 3331
green manures 6055
hydrology 7784
increment 7468
Indonesia 3331
insect pests, *Heteropsylla* 6541
multipurpose trees 7468
nitrogen fixing trees 5772
parasitic plants 3427
plantations 1452
pruning 1318
shelterbelts 5376
silviculture 5772
soil physics 2177
soil water 2177
species trials 3210, 3331, 7467-7468
uses 5772
weeds 1452
***Callicarpa macrophylla,*** wood anatomy 3681
***Calligonum arborescens,*** weight determination 2717
***Calligonum setosum,*** weight determination 2717
**Callipers** 4185, 4828
***Calliteara abietis*** 2842
***Calliteara pudibunda*** 1663
***Callitris,*** mycoplasmal diseases 3055
***Callitris columellaris***
chemotaxonomy 7071
cones 6401
embryology 6401
increment 4152
oils 7071
thinning 4152
***Callitris endlicheri***
chemotaxonomy 7071
oils 7071
***Callitris hugelii*** (*see Callitris columellaris)*
***Callitris muelleri***
cones 6401
embryology 6401
***Callitris preissii***
chemotaxonomy 7071
oils 7071
***Callitris rhomboidea***
chemotaxonomy 7071
cones 6401
embryology 6401
oils 7071
***Callitris verrucosa***
chemotaxonomy 7071
oils 7071
***Callosciurus erythraeus*** 3161
***Callosobruchus maculatus*** 7233
**Callus** 1674, 3161, 4977, 5041, 5429, 8011
***Calocedrus*** (*see Libocedrus)*
***Caloncoba echinata***
plant composition 1496
seeds 1496
***Calonectria quinqueseptata*** 7995
***Calophyllum austro-indicum,*** synecology 7944
***Calophyllum brasiliense,*** silvicultural characters 7485
***Calophyllum inophyllum***
foliage 5885
fungal diseases, *Pestalotia* 5885
seedlings 5885
species trials 4069
***Calophyllum kajewskii***
natural regeneration 4131
provenance 4069
silvicultural characters 4069
underplanting 4131
***Calophyllum macrocarpum,*** plant composition 1504
***Calophyllum molle,*** seedlings 3785
***Calophyllum polyanthum,*** synecology 7944
***Calophyllum vitiense,*** species trials 4069
***Calophyllum walkeri,*** plant composition 1504
***Calophysa schini*** 3893
**Calorific value** 1346
(*see also* Wood properties, calorific value)
***Calosoma inquisitor*** 4468
***Calosoma sycophanta*** 4468
***Calospatha,*** plant anatomy 2890
***Calotropis procera***
foliage 2260
fruit 5022
medicinal plants 5053
optical properties 2260
pollination 2969
steroids 5053
stomata 5022
***Calyptorhynchus lathami*** 5353
**Cambium** 307, 319, 2203, 2211, 2214-2216, 2230, 2765, 2963, 3688, 5799
***Camellia***
history 2598
research 2598
***Camellia japonica,*** frost resistance 4252
***Camellia oleifera***
chlorophyll 2959
fungal diseases
*Agaricodochium* 3060
*Glomerella* 4452
photosynthesis 2959
**Cameroon**
*Acacia albida* 6385
agroforestry 3677, 8150
farm forestry 8150
fuel plantations 8150
*Lophira lanceolata* 7015
shelterbelts 8150
soil types 3677
synecology 958-959
**Camping** 567, 6637
***Campnosperma brevipetiolata***
choice of species 3338
natural regeneration 4131
seed germination 3369
seeds 3369
site class assessment 3529
underplanting 4131
volume determination 3505, 4194
volume tables 3505
***Camptotheca acuminata***
alkaloids 6406
quinolines 6406
seed germination 6752
seed treatment 6752
seeds 6406
***Campylotropis macrocarpa,*** wood anatomy 2880
**Canada**
*Abies balsamea* 4751
acid rain 4011
afforestation 4782
agroforestry 7282
air pollution 273
aircraft 300
*Betula* 7124
*Choristoneura occidentalis* 7273
Christmas trees 160, 6263
climate 2994
coniferous forests 7282
cooperatives 6121
*Cydia strobilella* 525
data processing 1188, 4644
dendrochronology 5446
dendroclimatology 5446
*Dendroctonus ponderosae* 7402

**Canada** *cont.*
diseases 5264
drainage 4782
fertilizers 1940, 4751
forest fires 297, 299-300, 4988
forest inventories 3553, 4878-4879
forest management 4229, 4612, 4868
forest ownership 4868
forest statistics 38, 6074
forestry 38
fungal diseases 1188
grazing 7282
helicopters 300
herbicides 14, 130-131, 6188
hydrology 27
*Hylobius congener* 5320
information services 1188
insect pests 1188, 4054
*Lambdina fiscellaria* 7217
land classification 1001
*Lepus americanus* 5360
mapping 4878
mensuration 4184
nurseries 14, 1274, 2647, 4610, 6188
organizations 6121
ornamental woody plants 3244
palaeoecology 2994
parasitic plants 7173
periodicals 6074
*Picea glauca* 4751
*Picea mariana* 442, 4751
*Picea rubens* 4751
*Pinus banksiana* 4751
*Pinus contorta* 5012
*Pissodes strobi* 3118
plant disorders 5264
*Populus* 7124
*Populus grandidentata* 6674
*Populus tremuloides* 6674
*Quercus* 7173
rangelands 7282
regeneration surveys 3553
remote sensing 3553
research 230, 1192, 4054, 7448
seeds 5538
shelterbelts 2514
site preparation 3434-3435
social forestry 6070
*Strobilomyia anthracina* 525
*Ulmus* 1034
urban forestry 6070
vegetation types 1001, 7401
weed control 14, 7282
yeasts 7124
*Zeiraphera canadensis* 5941, 6553
Alberta
air pollution 274, 1599
avalanches 4255
breeding programmes 7107
*Choristoneura fumiferana* 7209
*Cyzenis albicans* 7206
dendrochronology 4255
drainage 2682, 3594
economics 6019
*Endocronartium harknessii* 3052, 3874
fertilizers 1258
forest fires 4991, 4999, 6975
forest litter 5647
fungal diseases 6975
grazing 7284
ground vegetation 1599
hydrology 550
insect pests 6975
land use 6019
lichens 274
nurseries 5300
*Operophtera brumata* 7206
peatlands 3594
*Picea glauca* 124, 522, 1269, 4775
*Pinus banksiana* 3833, 4775, 4991
*Pinus contorta* 124, 147, 1258, 1269, 2735, 3052, 3833, 3874, 4775
planting stock 99, 124, 1269, 4775
*Populus* 5300
*Populus tremuloides* 6142
*Quercus* 7206
rangelands 7284
reclamation 5379
seeds 522, 6142

**Canada** *cont.*
Alberta *cont.*
site class assessment 3594
site preparation 4814
site types 147
soil types 1258
species trials 5379
*Strobilomyia anthracina* 522
synecology 4255
underwood 1599
vegetation 7090
watersheds 550
wetlands 2682
British Columbia
*Abies amabilis* 369, 2788, 3517
*Abies grandis* 369
*Abies lasiocarpa* 369
*Acer macrophyllum* 1005, 3117
air pollution 3620
*Alnus rubra* 3517
*Armillaria ostoyae* 4432
artificial regeneration 3268, 3429, 3437
autecology 685, 5593
*Choristoneura fumiferana* 3095
*Choristoneura occidentalis* 3094, 6090, 6554, 6561
clear felling 1699, 4004
competition 685, 3267, 5593
conferences 3265, 3268
controlled burning 4997, 6978
*Cronartium coleosporioides* 5282
*Dendroctonus ponderosae* 527, 772, 1684, 3114, 3119, 8082
*Dendroctonus pseudotsugae* 1684, 4487, 8087
*Dendroctonus rufipennis* 1684, 3147, 5321
direct sowing 1291
drought resistance 2788
economics 3309
*Endocronartium harknessii* 3052, 5282
epiphytes 1005
erosion control 1106
extension 3317
fertilizers 3390-3392, 3400
fishes 1099-1101
forest litter 4997
forest management 3309, 3538, 4004
forestry 47
fungal diseases 470, 3406
grazing 1086, 1687
green manures 3954
herbicides 3265, 3448-3449, 6233
*Heterobasidion annosum* 1633
hydrology 1699, 2486
*Hylobius warreni* 1664
increment 3493, 3511-3512, 3517, 3535
indicator plants 1810
insect pests 3406
labour 47, 4672
landings 3643
landscape 4004
landslides 1707
*Leptoglossus occidentalis* 3148
logging 1099-1101, 5374
*Lonchaea corticis* 3125
mistletoes 470
nurseries 93-94, 3406, 3409
*Ochropleura fennica* 3904
*Odocoileus hemionus* 542, 1086
*Operophtera brumata* 2454, 3146
*Orgyia pseudotsugata* 526, 4472
palaeobotany 7811
palaeoecology 5175
*Picea sitchensis* 3460, 3517, 5953
*Pinus contorta* 1291, 1664, 1687, 3052, 5282, 7806
*Pissodes strobi* 3125-3126, 4494, 5953
*Pissodes terminalis* 1664
plant succession 3823
planting 4672
planting stock 118
*Pollaccia borealis* 4442
*Populus tremuloides* 3538, 4442
provenance 5230, 7806

**Canada** *cont.*
British Columbia *cont.*
*Pseudotsuga menziesii* 118, 141, 924, 1291, 2788, 3094, 3373, 3400, 3460, 3493, 3507, 3517, 4432, 5606, 5612, 6276, 8087
*Quercus garryana* 3146
reclamation 3954
seed orchards 4716
seeds 3373
silvicultural systems 1106
silviculture 3466
site class assessment 6276
site preparation 3268, 3436-3438, 3823, 6825
soil chemistry 3429, 3643
soil compaction 3643
soil degradation 3429, 3644
soil density 3429, 3643
soil water 2486
spacing 5612
streams 1099-1101
stump removal 6965
synecology 1707, 1810
*Tamiasciurus hudsonicus* 3392, 4521
thinning 1633, 3391, 3493, 3535, 5606
*Thuja plicata* 3460, 3517, 5612
tree breeding 7977
*Trypodendron lineatum* 3117, 6568
*Tsuga heterophylla* 2788, 3460, 3517, 3535, 4716, 5612
vegetation types 419-420, 3803, 5201
volume determination 3507
water pollution 3265, 3449, 6233
weed control 3267
weeds 129
wildlife 1291
yield forecasting 3534
yield regulation 3535
Canadian Northwest Territories
forestry 37
*Salix arctica* 7904
Manitoba
*Choristoneura pinus* 2425
forest fires 2425
*Hylurgopinus rufipes* 7232
*Parasitaphelenchus oldhami* 7232
*Picea glauca* 148
*Pinus banksiana* 148, 2425
*Pinus resinosa* 148
planting stock 99
soil types 148
New Brunswick
acid rain 3637-3638
amelioration of forest sites 5558
*Apanteles fumiferanae* 4471
atmosphere 4900
*Choristoneura fumiferana* 523, 4471
controlled burning 5207
dieback 7899
diseases 6529
fertilizers 5559
fogs 3637
forest management 4866
insect pests 6529
insecticides 529, 1678, 7262
*Larix leptolepis* 5523
microclimate 4900
national parks 2318
nurseries 5558-5559
*Picea glauca* 1310, 3048, 8042
*Picea mariana* 1310, 5558
*Pinus banksiana* 5559
private forestry 4866
provenance 5523
*Pucciniastrum americanum* 3048
stand characteristics 2318
tree breeding 438
*Trichoscyphella willkommii* 485
underwood 5207
vegetation types 5207
*Zeiraphera canadensis* 8042
*Zeiraphera unfortunana* 2423, 8042
Newfoundland
*Abies balsamea* 176-177, 1203, 2689, 7265, 8088
afforestation 1292

**Canada** *cont.*
Newfoundland *cont.*
*Arceuthobium pusillum* 469
biomass 234
*Dendroctonus simplex* 6562
fuelwood 1292
fungal diseases 469
insect pests 69
*Lambdina fiscellaria* 524, 7265, 8088
land classification 217
*Larix laricina* 68
logging 217
microclimate 234
mistletoes 469
*Orgyia leucostigma* 7264
*Picea glauca* 68, 1205
*Picea mariana* 68, 176-177, 374, 1202, 6806
*Picea rubens* 1204
*Picea sitchensis* 1201
plant disorders 469
provenance 1201-1205
remote sensing 5690
*Rhabdophaga swainei* 4501
seeds 68, 374
species trials 1292
stumpage value 6901
thinning 6806
valuation 6901
volume tables 176-177
wildlife 469
Nova Scotia
*Abies balsamea* 214, 520
*Choristoneura fumiferana* 214
Christmas trees 520
*Paradiplosis tumifex* 520
remote sensing 214
synecology 7085
tree breeding 438
vegetation types 7085
Ontario
*Acer rubrum* 5783
*Acer saccharum* 4778, 5591, 6867
acid rain 3636
*Alnus* 54
*Apanteles fumiferanae* 4471
*Armillaria obscura* 5890
artificial regeneration 223, 6788
*Betula papyrifera* 4778
*Betula pendula* 315
*Betula populifolia* 315
biomass 3532, 4693
broadleaved deciduous forests 5752
*Choristoneura fumiferana* 4470-4471, 6545, 6560
*Choristoneura pinus* 4469
Coleoptera 7227
*Cryptococcus fagisuga* 5920
cycling 4948, 5752
*Cylindrocladium floridanum* 4763
*Dasineura rachiphaga* 4470
*Dioryctria reniculelloides* 4470
direct sowing 4773
diseases 7181
drainage 2683
forest fires 2182, 7790
forest litter 3532
*Fraxinus americana* 5591
insect pests 7181
*Juglans nigra* 1982
*Larix decidua* 71, 3652
*Larix laricina* 146
logging 1014, 3532, 4770
mixtures 194
mycorrhizas 5038
nurseries 1266, 1948, 4763, 6194
peatlands 2683
*Picea abies* 7110
*Picea glauca* 1266, 1983, 1995, 4763, 4778, 5890, 6194, 6869
*Picea mariana* 1014, 1948, 2683, 3433, 4470, 4763, 4770, 4773, 5890, 6194, 6788
*Pinus banksiana* 1995, 2333, 3463, 4804, 5601, 5890, 6194, 6817
*Pinus resinosa* 1266, 1983, 5816, 5890
*Pinus strobus* 194
plant disorders 7181
plant nutrition 3532
plant succession 1014, 5202
planting 6789
planting season 100
planting stock 1983
*Populus balsamifera* 1031-1032
*Populus grandidentata* 5783
*Populus tremuloides* 4979
*Quercus rubra* 4117, 6817
*Rangifer tarandus* 3939
*Salix* 3766, 6204
shade trees 6649
site class assessment 15, 193
site preparation 126, 3442, 4778, 6222-6223
soil biology 4268
soil chemistry 6919, 7699
species trials 54, 4693
stemflow 5752
streams 7699
*Strobilomyia anthracina* 4470
stumpage value 223
synecology 3812, 5202
*Tamiasciurus hudsonicus* 4470
throughfall 5752
*Thuja occidentalis* 6342
tree breeding 442, 2333, 6204
*Trichogramma minutum* 6545
vegetation types 4948, 5202
weed control 4778, 5591
yield tables 198, 6869
Prince Edward Island, tree breeding 438
Quebec
*Abies balsamea* 89, 479, 501, 5573
*Acer rubrum* 4949
*Acer saccharum* 366, 1257, 2834, 4768, 4949, 7694, 7731
Aphididae 498
*Betula alleghaniensis* 115, 174, 4768, 4837
*Castor canadensis* 1697
*Choristoneura fumiferana* 501
Christmas trees 89, 91
*Coleophora laricella* 5312
*Crataegus monogyna* 1622
*Crataegus monogyna* × *C. punctata* 1622
*Crataegus punctata* 1622
*Cronartium comptoniae* 7155
decay 479
decay fungi 5889
dendrochronology 1697
dieback 366, 2834, 3759
direct sowing 150
*Fagus grandifolia* 174
fertilizers 90-92, 1257
flooding 3602
forest administration 6664
forest fires 6371
forest management 6664
fungal diseases 4010
fungi 2363-2364
greenhouses 5561
history 6664
insect pests 4010
insecticides 530
land use 6664
*Larix decidua* 3652
*Larix laricina* 5312
mixtures 5573
natural regeneration 115
nutrient deficiencies 2834, 4949
palaeoecology 4377
*Picea abies* 4730
*Picea glauca* 501
*Picea mariana* 1290, 3825, 4786-4787, 4842, 5573, 5889
*Pinus banksiana* 90, 92, 150, 2363-2364, 6765
*Pinus resinosa* 2363-2364
*Pinus strobus* 7560
*Pissodes strobi* 7560
plant succession 3825, 5202
*Polygraphus convexifrons* 3120
*Populus* 179
*Populus tremuloides* 4855
prices 4855
*Quercus rubra* 5561
remote sensing 2077
riparian forests 3602
root and butt rots 5889
seed orchards 4730
seeds 4714
silvicultural systems 4768
site class assessment 4854
site preparation 150
snow 6909
soil chemistry 4919
soil fauna 6913
soil structure 6913
soil temperature 6909
soil water 6909
stand characteristics 5573
synecology 957, 2789, 5202
vegetation types 3825, 4714, 5202, 6371
volume tables 4842
weed control 4786-4787, 6913
*Zeiraphera canadensis* 3901, 7197
Saskatchewan
*Amelanchier alnifolia* 6434
*Choristoneura pinus* 2425
direct sowing 4774
*Endocronartium harknessii* 3052
forest fires 2425
natural regeneration 5572
nurseries 5300
*Pinus banksiana* 2425, 4774-4775, 5572
*Pinus contorta* 3052
planting stock 99, 102, 4775
*Populus* 5300
site preparation 4774, 5572, 6800
Yukon
palaeoecology 2999
*Pinus contorta* 7806
*Pollaccia borealis* 4442
*Populus tremuloides* 4442
*Salix arctica* 7904
site class assessment 4767
site types 421
vegetation types 421
**Canal plantations** 1717, 1720, 3173
***Cananga odorata***
essential oils 164
foliage 5037
provenance 164
synecology 406
***Canarium album,*** terpenoids 3703
***Canarium indicum***
edible species 3346
social forestry 3346
***Canarium strictum,*** vegetation types 2303
**Canary Islands**
flora 1789
national parks 1789
vegetation types 1789
***Candida populi*** 7124
***Canella winterana***
bark 3695
medicinal plants 3695
minor forest products 3695
terpenoids 3695
**Canes and rattans** 162, 2025-2027, 2029, 2218-2219, 2272, 2284, 2712-2714, 2716, 2890, 2982, 3488-3490, 3670, 3779, 3784, 5265, 5956, 6269, 6997, 7529, 7660
***Canis lupus*** 5994
**Cankers**
assessment 3051, 5897
biology 2392, 3873, 5280, 5285, 5894, 7157
control 1643, 3885, 5293, 5897, 6645, 7157, 7172
damage 5893
distribution 5278, 7154
ecology 1057, 1632, 6515
fungi 485, 1053, 1643, 3050, 5278, 5280, 5285, 5293, 5895, 7157, 8001
histology 5280, 8010
increment 5897
infection 486, 1632, 2390, 3871, 5285
methodology 486, 3871-3872
physiology 2394, 3050
plant physiology 3050, 3871, 5895, 7153, 8011

**Cankers** *cont.*
resistance 485, 1643, 2346, 2393, 3871-3872, 5893, 6516, 7159, 7172
spread 1642, 2390, 8001
symptoms 1057, 1643, 2390, 7157
wounds 5102, 6645
**Canopy** 2, 744, 781, 952, 1602, 1969, 2147, 2292, 2488, 2758, 2856, 2986, 3683, 4186, 4235, 4898, 4957, 6002, 6366
***Cantharellus cibarius*** 3860
***Canthium ciliatum,*** taxonomy 6447
***Canthium gilfillanii,*** taxonomy 6447
***Canthium inerme,*** taxonomy 6447
***Canthium mundianum,*** taxonomy 6447
***Canthium pauciflorum,*** taxonomy 6447
***Canthium setiflorum,*** taxonomy 6447
***Canthium spinosum,*** taxonomy 6447
***Canthium suberosum,*** taxonomy 6447
***Canthium vanwykii,*** taxonomy 6447
**Cape Verde**
forest policy 36
fuelwood 36
legislation 36
***Capparis decidua***
dunes 1708
edible species 4333
flowers 4333
fruit 4333
medicinal plants 4333
plant composition 4333
remote sensing 4882
soil chemistry 1708
soil physics 1708
Sudan 4882
***Capparis spinosa***
foliage 2183
forest fires 2183
***Capparis tomentosa***
plant composition 903
roots 903
***Capreolus capreolus*** 543, 1097, 2049, 2469, 3162, 5348, 6000, 6591-6592, 8097
***Capricornis crispus*** 540-541, 8105
**Caprifoliaceae,** wood anatomy 321
**Carabidae** 2407-2410, 2452, 4455
***Carabunia waterstoni*** 499
***Caragana arborescens***
irrigation 6614
lime 3176
mine spoil 3176
reclamation 5379
shelterbelts 6614
***Caragana intermedia,*** plant water relations 5723
***Caragana korshinskii,*** plant water relations 5723
***Caragana microphylla,*** variation 6499
***Carallia brachiata,*** ornamental woody plants 4009
***Carallia lucida,*** synecology 5183
***Carapa grandiflora***
improvement planting 4071
species trials 4071
***Carapa guianensis***
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
***Carapa obovata,*** growth regulators 7057
***Carapa procera***
dendrochronology 7633
growth rings 7633
increment 7633
**Carbon dioxide enrichment** 849, 2861, 4250, 4258, 4962, 5090, 5387, 6676, 7673
books 6653
reviews 2258, 4961
***Carcelia matsukarehae*** 7212
**Careers** (*see* Education; Training)
***Careya arborea***
biomass 2060
foliage 2260
optical properties 2260
plant composition 2060
**Caribbean**
*Acacia tortuosa* 2275
*Coccoloba brasiliensis* 7074
*Coccoloba schomburgkii* 7074
**Caribbean** *cont.*
forest recreation 6673
land use 1116
nurseries 5562
***Carica papaya,*** seed banks 634
***Cariniana legalis***
genetics 1035
silvicultural characters 878
***Cariniana pyriformis,*** species trials 3347
***Carissa carandas***
seed germination 5537
seed treatment 5537
***Carissa spinarum***
edible species 7600
forest litter 4926
***Carphoborus kushkensis*** 8060
***Carpinus,*** taxonomy 2976
***Carpinus betulus***
acid rain 4966
air pollution 2147, 4966
bark 4835
biomass 6865
coppice 5571, 6865
crown 2292, 2966
cycling 2147
diameter 5638
economics 5527
flowers 3687
foliage 7177
forest influences 2176
forest litter 2802, 7177
fruit 3687
height 5638
increment 5527
landscape 7362
layer structure 2309
mineral oils 5334
mixtures 4320, 5621, 7579-7580
mulching 7541
nurseries 3403
ornamental woody plants 5334
plant composition 2176
plant disorders 2966
plant nutrition 2147
planting stock 673
roots 1800
seed treatment 6721
seeds 6721
silvicultural characters 4320
soil 2309
squirrels 5349
stand characteristics 2292, 4915
stemflow 4966
street trees 1800
synecology 4915
throughfall 4966
volume determination 4835
weed control 3403
***Carpinus caroliniana,*** landscape 7362
***Carpinus laxiflora,*** plant succession 7957
***Carpodetus serratus***
growth regulators 7883
juvenility 7883
***Carruthersia,*** taxonomy 7913
***Carya***
coppice 3420
foliage 5299
forest litter 3591
insect pests 5299
light 4899
plant composition 909
plant succession 2314
stand characteristics 7089
thinning 3420
underwood 2310
volume tables 728
weight tables 728
yield tables 4210
***Carya aquatica***
grafting 6172
insect pests, *Prionoxystus* 3902
***Carya cathayensis***
flowering 305
phenology 305
***Carya cordiformis***
crown 5641
German Federal Republic 2614
stand characteristics 5368
wildlife 5368
***Carya glabra***
foliage 2884
***Carya glabra*** *cont.*
German Federal Republic 2614
optical properties 3277
***Carya illinoensis***
forest litter 2111
grafting 6172
increment 5645
insect pests, *Reticulitermes* 2420
mortality 5611
nurseries 2420
seed germination 6731
seed treatment 6731
soil types 5611
weed control 5645
***Carya ovata***
acid rain 2149
air pollution 2149
crown 5641
cytology 2781
German Federal Republic 2614
heat injury 2781
reproductive behaviour 370
***Carya tomentosa***
clear felling 295
German Federal Republic 2614
reproductive behaviour 370
wildlife 295
***Caryedon*** 5319
***Caryocar brasiliense,*** phenology 3672
***Caryocar coriaceum***
fruit 3728
plant composition 3728
seeds 3728
***Caryocar glabrum***
cycling 3614
dendrochronology 7633
growth rings 7633
increment 7633
phenology 7924
stand characteristics 7924
***Caryocar pallidum***
phenology 7924
stand characteristics 7924
***Caryocar villosum***
phenology 7924
stand characteristics 7924
***Casearia spinosa,*** increment 7621
***Casearia sylvestris,*** increment 7621
***Casearia tomentosa,*** synecology 5183
***Cassia,*** agroforestry 1740
***Cassia alata***
agroforestry 3210
species trials 3210
***Cassia auriculata,*** irrigation 612, 1994
***Cassia bakeriana***
insect pests 2418
seeds 2418
***Cassia fistula***
anthraquinones 1492
callus 1492
fuelwood 3331
Indonesia 3331
insect pests 2418
root nodules 5531
seed germination 1904, 7490
seed treatment 7490
seeds 2418, 7490
species trials 3331, 5531
synecology 5183
***Cassia glauca,*** fungal diseases, *Alternaria* 5284
***Cassia oligophylla***
seed collection 6147
seed sources 6147
***Cassia siamea***
agroforestry 3210, 5412, 6055-6056, 8137
cycling 6352
fodder 7467
foliage 2609, 6352
forest litter 6352
frost resistance 7676
fuelwood 3331
green manures 5412, 6055-6056
increment 6352
Indonesia 2609, 3331
insect pests 2418
plant composition 1520, 2609
plantations 1452
seed germination 1876, 1890, 1904
seed treatment 1876, 1890

***Cassia siamea*** *cont.*
seeds 1890, 2418
species trials 3210, 3331, 3349, 6132, 7467
weeds 1452
weight tables 2042
***Cassia sturtii,*** agroforestry 3196
***Cassipourea elliptica,*** plant water relations 2822
***Cassipourea guianensis,*** alkaloids 2240
***Castanea***
grafting 5548
pollen 6998
sap 2579
seed dispersal 3002
stand characteristics 2285
taxonomy 6998
translocation 2579
vegetation types 2285
***Castanea crenata***
fibres 1475
fungal diseases, *Cryphonectria* 2346
hybrids 4419
insect pests, *Dryocosmus* 8068
tree breeding 2346, 7965
wood anatomy 313
wood chemistry 264
***Castanea crenata* × *C. sativa,*** hybrids 4419
***Castanea dentata***
acclimatization 5164
fungal diseases, *Cryphonectria* 3050-3051, 5280, 7153, 7172
natural regeneration 5164
sap flow 7153
***Castanea mollissima***
fungal diseases, *Cryphonectria* 2346, 3050
grafting 6169
hybrids 4419
seed germination 4083
seedlings 4083
seeds 4083
tree breeding 2346
***Castanea sativa***
air pollution 4954
biomass 2056, 6127, 6865
chromosomes 5246
coppice 5571, 6865
Czechoslovakia 6127
dendrochronology 5444
dieback 4954
embryo culture 6756
foliage 2056
forest fires 872
forest litter 5711
frost resistance 1030
fungal diseases, *Cryphonectria* 2346
genetics 4421, 5246
German Federal Republic 4204
habit 7809
hybrids 4419
increment 2056, 4204
inheritance 1030
insect pests, *Alebra* 3894
mixtures 2056
stand characteristics 4204
temperature 7809
tree breeding 2346
***Castanopsis***
pollen 6998
taxonomy 6998
***Castanopsis argentea,*** synecology 3804
***Castanopsis borneensis,*** taxonomy 2974
***Castanopsis chrysophylla***
biological control 5599
height 6848-6849
***Castanopsis cuspidata,*** stand characteristics 8101
***Castanopsis eyrei,*** taxonomy 2974
***Castanopsis fabri,*** taxonomy 2974
***Castanopsis stellatospina,*** vegetation types 6471
***Castanopsis wengchangensis***
distribution 5829
plant morphology 5829
taxonomy 5829
***Castanospermum australe***
alkaloids 7872
foliage 258
nurseries 4065
***Castanospermum australe*** *cont.*
plant water relations 258
seed collection 4065
seeds 7872
species trials 4065
***Castilloa elastica,*** shade trees 3978
***Castor canadensis*** 1697, 3940-3941, 5368
***Castor fiber*** 544
***Castorium camphoratum*** 5884
***Casuarina***
agroforestry 1740, 3196
Asia 1823
biochemistry 1569
chlorophyll 87
dunes 2493-2494
erosion control 2493-2494
fertilizers 87
fuel plantations 2606
multipurpose trees 3339
mycorrhizas 87, 7992
nitrogen fixation 360, 451
root nodules 4427
roots 451
shade trees 8146
silviculture 1820
symbiosis 451
tree breeding 1823
Vanuatu 3339
wind 4683
***Casuarina cristata***
rangelands 5984
root nodules 2369
salt tolerance 2120
symbiosis 2369
waterlogging 2120
***Casuarina cunninghamiana***
choice of species 4064
fertilizers 1941-1942
fuel plantations 4064
fungal diseases 7145
gas exchange 2256-2257
increment 2373
insect pests, *Mordella* 8062
irrigation 4143
multipurpose trees 1867
Nematoda 517
nitrogen fixation 1941, 3328
plant nutrition 2256
provenance 3328, 5534
root nodules 1941-1942, 2256-2257, 2369, 2376, 2379
roots 517
salt tolerance 2120, 2253
seed collection 6149, 7487
seed germination 7487-7488
seed sources 6149
seedlings 7488
seeds 7145, 7488
species trials 6713
symbiosis 1830, 1941-1942, 2256-2257, 2369, 2373, 2376, 2379, 3328
variation 2348-2349
waterlogging 2120
***Casuarina cunninghamiana* × *C. glauca***
seed collection 7487
seed germination 7487-7488
seedlings 7488
seeds 7488
***Casuarina equisetifolia***
agroforestry 1118, 1733, 1765, 2546, 3174-3175, 3210
biomass 4860
dunes 3948
Ethiopia 1296
farm forestry 556, 3175
fertilizers 1941
flooding 252
forest management 6288
fungal diseases 7145
*Corticium* 5263
*Phomopsis* 5263
*Rhizoctonia* 5263
increment 2373
India 3174
insect pests 5914
*Clastoptera* 499
irrigation 1994
mined land 3175
multipurpose trees 1867
Nematoda 517
nitrogen fixation 1941, 2372, 3044
***Casuarina equisetifolia*** *cont.*
nurseries 1268, 2653, 5263, 6195
plant water relations 6937
private forestry 556
reclamation 3175
root nodules 1941, 2369, 2372, 2376, 2379, 3044, 7508
roots 517
salt tolerance 252, 2120, 2253
seed collection 1891
seed germination 1891
seedlings 802
seeds 1891, 7145
shade trees 1733
shelterbelts 3174, 5376, 6937
shoot cuttings 7508
social forestry 1765
soil chemistry 800, 802
spacing 4860, 6195
species trials 3210, 3349, 4694
symbiosis 1941, 2369, 2372-2373, 2376-2377, 2379
waterlogging 2120
wind 4683
***Casuarina glauca***
flooding 252
increment 2373
insect pests, *Oncideres* 3121
multipurpose trees 1867
Nematoda 517
nitrogen fixation 3044
root nodules 2369, 2376, 2379, 3044
roots 517
salt tolerance 252, 2120, 2253
seed collection 7487
seed germination 7487-7488
seedlings 7488
seeds 7488
species trials 3349
symbiosis 2369, 2373, 2376, 2379
transpiration 261
waterlogging 2120
***Casuarina junghuhniana***
root nodules 2379
symbiosis 2379
wind 4683
***Casuarina obesa***
root nodules 2369
salt tolerance 2120
seed collection 6147
seed sources 6147
symbiosis 2369
waterlogging 2120
***Casuarina pusilla***
fruit 3065
insect pests 3065
seeds 3065
***Catalpa speciosa,*** intensive silviculture 4766
**Catchment areas** (*see* Watersheds)
***Catha edulis***
foliage 5634
medicinal plants 5634
***Cathaya,*** distribution 3799
***Cathaya argyrophylla***
stand characteristics 983
vegetation types 983
***Catocala nymphogoga*** 1082
**Cattle** 694, 3155-3157, 3162, 3929-3931, 5338, 5597-5598, 6036, 6038, 6040, 6047, 8166
**Cavities in trees** 2472, 5910
***Ceanothus griseus***
fertilizers 1943
root nodules 1943
symbiosis 1943
***Ceanothus integerrimus,*** control 132
***Ceanothus megacarpus,*** stand characteristics 4393
***Ceanothus sanguineus,*** controlled burning 5208
***Ceanothus velutinus***
biological control 5599
control 133
***Cecidomyia piniinopis*** 2443, 4497, 4499-4500, 7247
**Cecidomyiidae** 2332, 4496, 8023
***Cecropia,*** seed germination 1883
***Cecropia insignis,*** coppice 5578
***Cecropia obtusifolia***
insect pests 8023

***Cecropia obtusifolia*** *cont.*
light 2777
***Cecropia peltata,*** increment 7621
***Cedrela***
agroforestry 8153
shade trees 8153
wood anatomy 7832
***Cedrela angustifolia,*** species trials 3347
***Cedrela fissilis***
seeds 3359
wood anatomy 7832
***Cedrela lilloi,*** wood anatomy 7832
***Cedrela mexicana*** *(see Cedrela odorata)*
***Cedrela montana,*** wood anatomy 7832
***Cedrela odorata***
agroforestry 560, 3971, 3977, 7332
choice of species 3338
foliage 2891
increment 7332, 7621
insect pests, *Hypsipyla* 7332
nurseries 7525
planting stock 3428
provenance 3845
seed collection 3366
seed germination 3370, 7474
seed sources 3366
seed treatment 3370
seeds 3845
shade trees 3977
silvicultural characters 7485
terpenoids 2891
tissue culture 72
underplanting 3428
variation 3845
volume determination 3502, 4194
volume tables 3502
weed control 7525
wood anatomy 7832
***Cedrela toona*** *(see Toona ciliata)*
***Cedrelinga catenaeformis***
silvicultural characters 7485
tissue culture 72, 1934
***Cedrus,*** insect pests, *Thaumetopoea* 6548
***Cedrus atlantica***
conditioning 6768
dendrochronology 4576
fungal diseases, *Macrophomina* 8000
grazing 1693
photosynthesis 6768
rangelands 1693
transpiration 6768
transplanting 6768
water stress 6768
***Cedrus deodara***
epiphytes 423
fungal diseases, *Macrophomina* 8000
genetics 2341
synecology 5186
***Cedrus libani***
artificial regeneration 7543
bark 1465
light 7543
precipitation 5698
site types 5698
soil 5698
species trials 3337
terpenoids 2934
***Ceiba pentandra***
seedlings 802
soil chemistry 802
**Celastraceae,** wood anatomy 5033
**Cellulose**
structure 1556
theory 1556
***Celtis africana,*** dieback 5105
***Celtis australis***
roots 1800
street trees 1800
***Celtis formosana,*** shelterbelts 5376
***Celtis laevigata***
crown 1331
insect pests, *Prionoxystus* 3902
***Celtis occidentalis***
air pollution 2843
allelopathy 1002
callus 5041
ground vegetation 1002
insect pests, *Podisus* 3080
plant succession 2314
soil chemistry 1002
soil water 1002
***Celtis occidentalis*** *cont.*
stand characteristics 5368
synecology 987
wildlife 5368
wounds 5041
***Celtis pallida,*** wood anatomy 1462
***Celtis reticulata,*** wood anatomy 1462
***Celtis sinensis***
roots 1800
street trees 1800
***Celtis trinervia,*** wood anatomy 888
***Cenococcum geophilum*** 2380
**Central America**
agroforestry 3324, 4577, 7346
choice of species 699, 2611
*Coccoloba* 7074
deforestation 801, 3552
*Enterolobium cyclocarpum* 1581
*Eucalyptus deglupta* 2611
forest management 3552
fuel plantations 699, 3324
*Gliricidia sepium* 6151
land use 1116
*Leucaena diversifolia* 7114
mangroves 5148
multipurpose trees 699, 7346
palaeoecology 4381
plant succession 801
rain forests 801
*Randia matudae* 6452
*Randia pterocarpa* 6452
remote sensing 3552
*Rhizophora* 5148
seeds 6151
silviculture 699
soil chemistry 801
vegetation 3552
***Cephalanthus occidentalis,*** floodplains 2523
***Cephalcia ishikii*** 513
***Cephalosporium*** 7059
***Cephalostachyum pergracile,*** vegetation types 3010
***Cephalotaxus***
foliage 2234
plant composition 2234
**Cerambycidae** 4484, 4488, 5949, 7226-7227
***Ceratiola,*** wood anatomy 2887
***Ceratocystis*** 6410
***Ceratocystis clavigera*** 3054
***Ceratocystis fagacearum*** 5892
***Ceratocystis fimbriata*** 3275, 7154, 8007
***Ceratocystis ips*** 5276, 8017
***Ceratocystis minor*** 5275, 5289, 8017
***Ceratocystis nigrocarpa*** 5276, 8017
***Ceratocystis piceae*** 5950
***Ceratocystis ulmi***
biology 5274
control 3056, 5295, 6522, 7168
methodology 483
plant physiology 5274
resistance 483, 1641
***Ceratocystis wageneri*** 1635, 2440
***Ceratolobus,*** plant anatomy 2890
***Ceratonia siliqua***
Australia 1821
drought resistance 2118
plant water relations 2118, 5726
***Ceratozamia fuscoviridis***
carotenoids 5062
foliage 1547, 5062
plant composition 1547
***Ceratozamia kuesteriana***
carotenoids 5062
foliage 1547, 5062
plant composition 1547
***Cerbera manghas,*** lignans 7867
***Cercidiphyllum japonicum***
landscape 7362
old and fossil wood 7929
wood anatomy 313
***Cercis canadensis,*** synecology 987
***Cercocarpus ledifolius,*** synecology 5185
***Cercocarpus montanus,*** vegetation types 5849
***Cercospora bombacina*** 5267
***Cercospora subsessilis*** 5283
***Ceriops,*** shelterbelts 3953
***Ceriops australis***
chemotaxonomy 2270
***Ceriops australis*** *cont.*
genetics 2270
taxonomy 2270
***Ceriops decandra***
chemotaxonomy 2270
genetics 2270
taxonomy 2270
***Ceriops roxburghiana***
artificial regeneration 2306
natural regeneration 2306
***Ceriops tagal***
chemotaxonomy 2270
distribution 984
forest litter 7708
genetics 2270
keys 3009
maps 3009
protection forests 3953
salt tolerance 984
seed predation 4363
seeds 4363
shelterbelts 3953
synecology 3009, 3807, 4363
taxonomy 2270
***Cervus axis*** 6593, 8106
***Cervus elaphus*** 543, 694, 1097, 1289, 2469-2470, 3162, 3448, 4040, 5348, 5358, 5994-5995, 5999, 6591
***Cervus nippon*** 541, 8101, 8105
**Ceutorhynchinae** 2262
***Chaetocnema*** 518
***Chaetomium globosum*** 7169
***Chaitophorus populicola*** 1654
***Chalara australis*** 8006
***Chalicodoma*** 3767
***Chalinolobus morio*** 6595
***Chamaecyparis***
flowering 5135
flowers 5135
herbicides 1273
nurseries 1273
***Chamaecyparis formosensis***
fibres 6415
growing media 6197
growth models 6857
increment 6857-6858
photosynthesis 6197
plant water relations 6197
seeds 1220
soil water 1443
thinning 4793
wood anatomy 6996
wood chemistry 6415
***Chamaecyparis lawsoniana***
air pollution 7746
fungal diseases
*Phytophthora* 7152
*Seiridium* 5278
German Federal Republic 2614
grafting 7372
increment 3511
insect pests, *Cinara* 1656
rootstocks 7372
species trials 3337
***Chamaecyparis nootkatensis***
controlled burning 4997
diameter 3494
dieback 5115
forest litter 4997
grafting 7372
roots 4319
slash 4997
stumps 3494
***Chamaecyparis obtusa***
amenity forests 568
biomass 187
chalcones 2937
cycling 2829
damage 541
dendrochronology 1802
dendroclimatology 4567
differentiation 1474
drought resistance 6939
fertilizers 249, 2666
fibres 6415
flowering 5135
flowers 5135
foliage 187, 1168
forest inventories 2074-2075
forest litter 249, 794, 7704
forest management 418

***Chamaecyparis obtusa*** *cont.*
frost injury 785
fungal diseases 1632
genetic gain 1025
grafting 7372
growth rings 1334
growth stress 6967
heartwood 257
inheritance 1025
insect pests
*Epinotia* 7200
Scarabaeidae 6586
*Semanotus* 6563
Japan 785
light 98
mixtures 6237, 6773, 7562
natural regeneration 568, 2666
nurseries 98, 6773
ornamental woody plants 6069
photosynthesis 358
phyllotaxy 1168
plant water relations 257, 6939, 7721
pruning 155, 6237
radionuclides 4567
reaction wood 6967
respiration 358, 7051
rootstocks 7372
runoff 1705
salt injury 1632
sap flow 7721
sapwood 257
seedlings 358
seeds 1220
snow 785
soil chemistry 2829
soil physics 794
soil water 1398
stand characteristics 418, 568, 7561-7562
stem form 1334, 7612
stemflow 7297
stems 7051
synecology 7096
thinning 1307, 7297
throughfall 7297
tissue culture 646
tracheids 1474
translocation 187
underwood 2009, 7096
wind damage 785, 1632
wood anatomy 6996
wood chemistry 340, 6415
wood density 257
yield regulation 7639
yield tables 197
***Chamaecyparis pisifera***
air pollution 7746
ascorbigens 7874
flowering 5135
flowers 5135
fungal diseases, *Gymnosporangium* 1058
German Federal Republic 2614
species trials 3337
thinning 1307
***Chamaecyparis taiwanensis*** (*see Chamaecyparis obtusa)*
***Chamaecytisus palmensis***
botany 6984
nitrogen fixing trees 6984
silviculture 6984
uses 6984
***Chamaedorea***
altitude 5191
synecology 5191
***Chamaedorea murriensis,*** taxonomy 7068
**Chaparral** (*see* Vegetation types, chaparral)
**Charcoal**
economics 3566
raw materials 1758, 2061, 3566, 3963, 7571, 7776
**Chemical constituents** (*see* Plant composition; Wood chemistry)
**Chemotaxonomy** 907-908, 1518, 1533, 1546, 2270, 2918, 2923, 2930, 2932, 2946, 3736, 4331, 4339, 5056, 5061, 5067, 5141, 5149, 5156-5157, 5236, 6681, 7071, 7918
***Chilades cleusis*** 7233

**Chile**
*Acacia caven* 7334
agroforestry 4550, 7302-7303, 7334
*Automeris erythraea* 6557
biological control 7291
browsing damage 7291
*Coccygomimus fuscipes* 8036
*Cupressus lusitanica* 6363
degraded forests 6291
*Dibrachys* 1675
espinal 7334
fertilizers 6180
flora 398, 6631
forest influences 7302-7303
forest litter 6332
forest management 6291
forest resources 5448
forestry 6697
fungal diseases 7998
*Gomortega keule* 6140
hybrids 6507
hydrology 7302-7303
insolation 4911
integrated control 1098
legislation 6291, 6697
medicinal plants 398
national parks 6631
*Nematus desantisi* 1675
*Nothofagus* 6507
*Nothofagus antarctica* 6382
*Octodon bridgesi* 7291
old and fossil wood 7002
organizations 6697
ornamental woody plants 6389
phenology 1805
*Pinus radiata* 1098, 1329, 6332, 6347-6348, 6477, 6610-6611, 7302-7303, 7547, 7700
*Podisus chilensis* 1675
*Podocarpus nubigenus* 7812
*Podocarpus salignus* 7813
*Polistes buyssoni* 1675
precipitation 6610-6611
*Prosopis* 7796
*Pseudalopex* 7291
rain forests 6435
*Rhyacionia buoliana* 3104-3105, 8036
rodents 1098
seeds 376
synecology 398, 5341, 6474-6476, 7934
Taxodiaceae 6389
*Tyto alba* 7291
underwood 6477
vegetation types 1805, 6474-6476, 6631, 7933-7934
wildlife 5341
***Chilopsis linearis***
erosion control 4532
ornamental woody plants 4532
***Chimonobambusa,*** taxonomy 3770
***Chimonobambusa ningnanica,*** taxonomy 2979
***Chimonobambusa polystachya***
chromosomes 2360
keys 2217
plant anatomy 2217
***Chimonobambusa pubescens,*** taxonomy 940
***Chimonobambusa quadrangularis,*** genetics 3040
***Chimonobambusa sichuanensis,*** taxonomy 2980
***Chimonobambusa tuberculata,*** taxonomy 2979

**China**
*Abies* 3799
*Acacia montana* 2031
acid rain 2836
afforestation 1114, 4546, 8125
*Agaricodochium camelliae* 3060
*Agrobacterium tumefaciens* 4447
agroforestry 1690, 2547, 4546, 7342
*Aleurites fordii* 22
*Aleurites montana* 2344
altitude 240
*Amorpha fruticosa* 2675
*Anastatus* 3138
aspect 240
*Baliospermum angustifolium* 5828
bamboos 717, 883, 940, 2710, 2873, 2889, 2984, 3010, 3083, 7382

**China** *cont.*
*Bhima idiota* 4477
biomass 1344, 2055
birds 539
breeding programmes 7963
*Bruguiera sexangula* 738
*Cajanus cajan* 2031
*Calamus* 5827
*Camellia* 2598
*Camellia oleifera* 3060
*Carya cathayensis* 305
*Castanea* 6998
*Castanopsis* 6998
*Casuarina equisetifolia* 800
*Cathaya* 3799
*Cathaya argyrophylla* 983
*Choerospondias axillaris* 2675
*Cinara pinikoraiensis* 4467
climate 2873
*Croton howii* 5828
*Cunninghamia lanceolata* 107, 125, 183, 478, 1872, 4266, 8014
*Cyathea* 3773
Cyatheaceae 3773
*Dadoxylon taiyuanensis* 969
damping off 2405
*Davidia involucrata* 416
dead trees 539
Delphacidae 3083
dendroclimatology 4574
*Dendrolimus* 2461
*Dendrolimus punctatus* 504-505, 2462, 4475
*Dendrolimus spectabilis* 5309
*Dioryctria rubella* 506
*Drepanostachyum luodianensis* 1589
*Drepanostachyum melicoideum* 1589
drought 259
*Drypetes longipes* 378
edible fungi 6844
*Encarsia amicula* 3079
erosion 125
farm forestry 4546
*Fentonia ocypete* 3138
*Flemingia macrophylla* 2031
flora 378, 389
forest borders 396
forest fires 4310
forest influences 292-293, 549
forest litter 804
forest management 25, 1690, 6289
forest resources 34
forestry 4050
*Formanodendron doichangensis* 387
frost injury 5517
galls 4447
*Gelidocalamus latifolius* 1588
*Glomerella cingulata* 8014
*Gmelina arborea* 2732
grazing 1690
Gymnospermae 389, 4326
*Hemiberlesia pityophila* 3079
*Hevea brasiliensis* 5828
history 4050
*Homalium hainanense* 4478
humus 4921
hydrology 549
*Ips* 2836
*Juglans* 4418
*Juniperus virginiana* 471
*Kandelia candel* 738
*Keteleeria* 3799
lac 2031
*Lampronadata cristata* 3138
*Larix* 3799, 4151, 6989
*Larix gmelinii* 6782
*Larix principis-rupprechtii* 4077, 4327
*Lingnania longianthera* 938
*Lithocarpus* 6998
*Litsea cubeba* 2972
*Macrotermes barneyi* 5302
mangroves 738, 4385
*Melia azedarach* 336
*Melia toosendan* 336
*Michelia chapensis* 2013
mined land 797
mixtures 293, 2675
*Monochamus* 2836
*Morus* 6837, 7122
*Mycosphaerella dearnessii* 488, 1644
*Ontsira palliatus* 4512, 7277

**China** *cont.*
*Ooencyrtus* 3138
palaeobotany 968-969
palaeoecology 968, 983
*Parasa hilarata* 4477
*Phalanta phalantha* 4478
*Phalera assimilis* 3138
*Phomopsis juniperivora* 471
*Phyllostachys pubescens* 715, 1325, 2640-2641, 3797
*Picea* 3799
Pinaceae 3799
*Pinus* 488, 504, 3799
*Pinus elliottii* 1644, 2547
*Pinus kesiya* 135
*Pinus koraiensis* 293, 4190, 4375
*Pinus latteri* 999
*Pinus massoniana* 240, 2405, 2757
*Pinus sylvestris* 259
*Pinus tabulaeformis* 4682
*Pissodes nitidus* 4495
*Plactocomia* 5827
plant composition 797
planting stock 6795
*Populus* 379, 2271, 4420, 4447, 4477, 4892, 7270
*Populus alba* 2055
*Populus qiondaoensis* 999
*Pristiphora* 4477
protection forests 8125
provenance 4077-4078, 4682, 4692, 5517
*Pseudolarix* 3799
*Pseudotsuga* 3799
*Pythium ultimum* 478
*Quadraspidiotus gigas* 7270
reclamation 1114
remote sensing 2080
research 2598, 4574
*Robinia pseudoacacia* 1344
*Salacca* 5827
*Salix* 4477
*Schizostachyum annulatum* 939
*Semanotus sinoauster* 4512
shelterbelts 2514, 4546, 5377
site class assessment 183, 2733
site preparation 125
site types 2757, 8125
slopes 240
social forestry 4546
soil chemistry 797, 800
soil fertility 4266
soil physics 293
stand characteristics 416, 4190
streams 292
synecology 999
*Taiwania flousiana* 5786
*Telenomus kolbei* 3138
*Thuja orientalis* 4692, 5517, 7971
*Trabala vishnou* 4477
tree breeding 4418, 4420
*Trichogramma dendrolimi* 3138
*Trichogramma evanescens* 3138
*Trichogramma ostriniae* 3138
*Trigonostemon chinensis* 5828
*Trigonostemon filipes* 5828
*Trigonostemon thyrsoideus* 5828
*Tsuga* 3799
*Ulmus pumila* 4078
vegetation types 396, 411, 416, 983, 3010, 6782
viral insecticides 2461
virgin forests 416, 4190
*Wallichia* 5827
Anhui
*Cunninghamia lanceolata* 4298
*Odontotermes fontanellus* 7185
*Phloeosinus perlatus* 3107
*Thysanogyna limbata* 2463
Beijing
air pollution 7767
biomass 5644
*Dendrolimus tabulaeformis* 7212
mixtures 5644
*Paranthrene tabaniformis* 4481
*Pinus tabulaeformis* 5644
*Quercus variabilis* 5644
remote sensing 2759
street trees 2759
Fujian
cost analysis 7666
**China** *cont.*
Fujian *cont.*
*Cunninghamia lanceolata* 7666
erosion 5373
mixtures 5718
*Mycosphaerella dearnessii* 3053
*Phyllostachys pubescens* 2642
*Pinus elliottii* 3053
*Pinus massoniana* 2731, 3028, 5373, 5718
*Schima superba* 5718
seed orchards 7666
*Sinobambusa dushanensis* 2980
soil biology 5718
Gansu
arid regions 6910
*Haloxylon ammodendron* 6910
*Populus nigra* × *P. simonii* 5897
soil water 6910
*Valsa sordida* 5897
Guangdong
*Castanopsis wengchangensis* 5829
erosion 2538, 5392
microclimate 5392
*Phyllostachys carnea* 7070
*Pseudomonas solanacearum* 5902
runoff 5392
*Sasa oblongula* 2975
shelterbelts 7310
shifting cultivation 2538, 5392
soil degradation 2538
soil fertility 5392
soil water 2538, 5392
*Yushania canoviridis* 7070
Guangxi
*Acacia mearnsii* 5903
*Arundinaria nanningensis* 2981
bacterial diseases 5903
*Pseudomonas solanacearum* 5902-5903
*Sinobambusa nandanensis* 2980
Hebei
*Morus* 7113
*Pinus tabulaeformis* 5371
stemflow 5371
throughfall 5371
Heilongjiang
*Abies nephrolepis* 7622
agroforestry 3181
*Barbara fulgens* 7211
forest fires 4989
health 5507
land use 3181
mixtures 6818
*Paranthrene tabaniformis* 7272
*Picea koyamai* 7211
*Pinus koraiensis* 6796
reclamation 3181
rural economy 3181
secondary forests 6818
silviculture 6818
Henan
witches' brooms 7170
*Ziziphus sativa* 7170
Hunan
bamboos 4257
biological control 6546
coppice 4257
*Cunninghamia lanceolata* 4257, 5614
*Dendrolimus punctatus* 6546
ice damage 4257
*Pinus massoniana* 4257
Jiangsu
afforestation 1859
agroforestry 1754
*Alternaria alternata* 2385
*Amorpha fruticosa* 1859
choice of species 1859
*Metasequoia glyptostroboides* 2385
*Pestalotia foedans* 2385
*Robinia pseudoacacia* 1859
Jilin
*Crataegus laevigata* 7182
insect pests 7182
Liaoning
*Dendrolimus spectabilis* 7210
*Dendrolimus superans* 7210
*Dendrolimus tabulaeformis* 7210
*Lophodermium maximum* 7163
*Pinus koraiensis* 7163
**China** *cont.*
Nei Menggu
afforestation 4272, 6289
*Betula* 2421
erosion control 6289
forest management 4870
*Juniperus chinensis* 4272
*Paranthrene tabaniformis* 7272
*Phigalia djakonovi* 2421
*Pinus sylvestris* 4272, 4870
*Pinus tabulaeformis* 4870
*Populus pseudosimonii* 4870
*Populus simonii* 4870
Ningxia
*Caragana intermedia* 5723
*Caragana korshinskii* 5723
*Hedysarum fruticosum* 5723
*Hedysarum mongolicum* 5723
*Hedysarum scoparium* 5723
*Hippophae rhamnoides* 5723
*Nitraria tangutorum* 5723
*Salix cheilophila* 5723
*Tamarix chinensis* 5723
*Zygophyllum xanthoxylum* 5723
Shaanxi
bamboos 2754
climate 5696
*Fargesia qinlingensis* 2978
*Pinus tabulaeformis* 5696
Shandong
*Hegesidemus harbus* 4466
*Populus* 4466
Shanxi
mycoplasmal diseases 5290
*Toona sinensis* 5290
Sichuan
*Ampelocalamus yongshanensis* 2979
*Chimonobambusa ningnanica* 2979
*Chimonobambusa tuberculata* 2979
*Dendrocalamus bambusoides* 2979
*Eucalyptus robusta* 4905
frost injury 4905
*Sinarundinaria longiuscula* 2979
Tianjin
*Apogonia cupreoviridis* 7237
*Fraxinus* 7237
*Holotrichia oblita* 7237
*Metabolus flavescens* 7237
Xizhang, rust diseases 4438
Yunnan
*Abies georgei* 4119
*Ampelocalamus yongshanensis* 2979
*Blastopetrova keteleericola* 4479
*Chimonobambusa ningnanica* 2979
*Chimonobambusa tuberculata* 2979
*Dendrocalamus bambusoides* 2979
*Keteleeria evelyniana* 4479
nature conservation 3824
plant succession 3824
*Sinarundinaria longiuscula* 2979
Zhejiang
*Altingia gracilipes* 6469
birds 7288
*Chrysopa kulingensis* 2450
*Dendrolimus punctatus* 6559
*Dichocrocis punctiferalis* 1660
economics 2770
forest resources 2770
forestry development 2770
*Kandelia candel* 6248
*Matsucoccus* 2450
mixtures 3821
*Pantana sinica* 3099
*Phlaeoba angustdoris* 3073
*Phyllostachys pubescens* 2642, 2783, 2796, 3821
*Pinus massoniana* 2695, 4476, 6810
plant succession 3821
*Sinobambusa dushanensis* 2980
soil chemistry 2796
soil physics 2796
*Taiwania flousiana* 6246
vegetation types 6469-6470
weed control 6776
***Chionaspis pinifoliae*** 7275
**Chiroptera** 6002
**Chlorophyll** 87, 2821, 2878, 2951, 2959, 3402, 6679, 7047, 7753

**Chlorosis** 440, 4353-4354, 4950, 5106-5107, 5803, 6351, 7899
***Chlorosypha*** 1632
***Choerospondias axillaris***
fertilizers 2675
mixtures 2675
planting 2675
**Choice of species** 4081
Africa 1867, 2090, 3196
arid regions 6368
Australia 2497, 3353
Austria 602
books 5457
Brazil 4008
Central America 699, 2611
China, Jiangsu 1859
computer techniques 26, 7421
Costa Rica 2611
Cuba 7473
Ecuador 6872
Egypt 1867
France 55-56, 1208, 1217
Germam Federal Republic 4169
German Democratic Republic 1213, 4080
German Federal Republic 1110, 6718, 7470-7472, 7893
Guatemala 2611
Hong Kong 6647
India 612, 1823, 5516, 5982, 6626
Haryana 5515
Himachal Pradesh 4687, 5378
Tamil Nadu 1870
Uttar Pradesh 5378, 6005, 6716
Indonesia 49, 2032, 2429, 5533, 6541
Israel 1823
Kenya 5420
Korea Republic 2730
Malaysia 3300
methodology 1865
Nepal 1863, 1865-1866, 5535, 5814
New Zealand 58, 5521-5522, 7443
Nicaragua 2611
Nigeria 1823
Philippines 251, 3351-3352, 6032
Poland 6715
Sabah 3299
Saudi Arabia 1823
Solomon Islands 2618, 3338, 3346, 3431, 4068-4069, 4072
South Africa 4696, 5519
Sudan 5624
Tanzania 4082
Tropics 4686
Turkey 1823
USA
Hawaii 6136, 6138
Michigan 7469
USSR, Ukrainian SSR 815
Vanuatu 3339, 3354, 4064
Yemen Arab Republic 1207
Zimbabwe 7421
***Chondrostereum purpureum*** 3877
***Chonostropheus chujoi*** 3108
***Choricia insignis,*** silvicultural characters 7485
***Choristoneura*** 570
reviews 3903
***Choristoneura conflictana*** 8045
***Choristoneura fumiferana***
attractants 5314, 5937
biology 3900
control 523, 1658
damage 69, 214, 501, 1658, 3095, 3284, 4470, 7209
detection 214
host specificity 3900
methodology 5314, 7207
parasites 4471, 6545, 6560
population dynamics 502, 4458, 7207
predators 1067, 4458
simulation 3284
trapping 502, 5314, 5937
***Choristoneura occidentalis***
control 1080, 1682, 2457, 3927, 6561, 6584, 7273, 8086
damage 1659, 1682, 2457, 3094, 5948, 6090, 6554, 6561, 7208, 8047
ecology 503
forecasting 1659, 6554
increment 7208
***Choristoneura occidentalis*** *cont.*
methodology 6090
population dynamics 1661, 1682
resistance 1659
statistical methods 6554
***Choristoneura pinus*** 2425, 4032, 4469, 5934
**Christmas Island**
deforestation 4542
*Sula abbotti* 4542
**Christmas trees** 91, 160, 520, 708, 1320, 1857, 2020-2022, 3477, 4445, 5509, 5854, 6263, 8015
**Chromosomes** 1018, 2115, 2338, 2345, 2360, 2578, 2878, 3027, 3828, 3833, 3836, 5228, 5231, 5234, 5246, 6444, 6506, 7108, 7121-7122, 7907, 7917, 7919
***Chrysomela confluens*** 5933
***Chrysomela scripta*** 5300
***Chrysomela vigintipunctata*** 7230
**Chrysomelidae,** books 2569
***Chrysomyxa abietis*** 1058
***Chrysopa kulingensis*** 2450
***Chrysophyllum africanum*** (*see Gambeya africana*)
***Chrysophyllum albidum***
wood anatomy 309
wood chemistry 309
***Chrysophyllum oliviforme,*** increment 7621
***Chrysothamnus viscidiflorus,*** browse 8090
***Chukrasia velutina,*** species trials 6713
**Chutes** 156
***Cinara cembrae*** 4467
***Cinara cupressi*** 1656
***Cinara fresai*** 1656
***Cinara pectinatae*** 3491
***Cinara pilicornis*** 4465
***Cinara pinea*** 4467
***Cinara pinikoraiensis*** 4467
***Cinara shinjii*** 4467
***Cinara tujafilina*** 1655, 6535
***Cinchona ledgeriana***
bark 2901
medicinal plants 1926
quinones 2901
tissue culture 1926
***Cinchona pubescens***
medicinal plants 1926
tissue culture 1926
***Cinnamomum***
foliage 1444
forest influences 1444
humus 1444
soil chemistry 1444
taxonomy 3772
***Cinnamomum camphora***
agroforestry 2542
allelopathy 2542
fibres 6415
growth models 6857
increment 6857
plant water relations 6338
root pruning 6338
seed germination 6145
seed treatment 6145
transplanting 6338
wood anatomy 313
wood chemistry 6415
***Cinnamomum cecidodaphne***
essential oils 3691
fruit 3691
medicinal plants 3691
plant composition 3691
***Cinnamomum cyrtopodum,*** seedlings 3785
***Cinnamomum elongatum,*** increment 7621
***Cinnamomum laubatii,*** essential oils 5083
***Cinnamomum macrostemon,*** taxonomy 382
***Cinnamomum malabatrum,*** synecology 7944
***Cinnamomum montanum,*** wood anatomy 333
***Cinnamomum osmophloeum***
essential oils 5054
genetics 443
provenance 5054
shoot cuttings 443
***Cinnamomum reticulatum,*** vegetation types 6471
***Cinnamomum verum,*** insect pests 1649
***Citharexylum myrianthum,*** wood anatomy 1463
***Cladosporium*** 7059
***Cladosporium cladosporioides*** 7143
***Cladosporium cucumerinum*** 7033
***Cladosporium uredinicola*** 5284
***Cladrastis kentukea***
landscape 7362
seeds 2560
vegetative propagation 2560
***Clastoptera undulata*** 499
***Clausena anisata***
coumarins 2893
medicinal plants 2893, 7025
terpenoids 7025
**Cleaning** 149, 1974, 2007, 2686, 3465, 3469, 4161, 4784, 7627
**Clear felling**
damage 4556
ecology 295, 672, 808, 1008, 1010, 1092, 1284-1285, 1968, 2123, 2174, 2410, 2861, 2863, 3051, 3657, 3823, 3942, 3945, 4260, 4556, 4893, 5206, 5208, 5756, 5998, 6480, 6779, 6970, 7101
(*see also* Plant succession, logging)
economics 4893
erosion 3168
hydrology 1, 1699, 2489, 3168, 3945, 7299-7300, 8118
nutrients 6970, 8118
simulation 3942
water pollution 7304
**Clear-felling system** (*see* Silvicultural systems, clear felling)
***Cleistopholis glauca,*** volume determination 4194
**Cleridae** 7227
***Clerodendrum japonicum***
browse 3160
foliage 3160
***Clethra monostachya,*** wood anatomy 5016
***Clethra occidentalis,*** natural regeneration 5161
***Clethrionomys glareolus*** 532, 545, 2479
**Climate** 4258
(*see also* Dendroclimatology; Microclimate)
Africa 2090, 6027
Argentina 2088
Bhutan 2873
books 3, 1143
Brazil 4541, 5385
Canada 2994
China 2873
Shaanxi 5696
classification 1389
computer techniques 7421
conferences 6676
damage 6676
equipment 4627
France 3756
German Federal Republic 1389
India 2873
Tamil Nadu 2303
Uttar Pradesh 7674
Japan 2448-2449
methodology 4627, 6319, 7678
Nepal 2873
North America 7673
Poland 7671
Romania 5704
Sahel 6027
Sierra Leone 4246
simulation 1143, 4541
Sweden 7932
Switzerland 6319, 7678
Tropics 5387
UK 1458, 4250
USA
Alaska 5697
Idaho 503
Maine 855
Montana 503
New Hampshire 3757
New York 3757
Oregon 503, 3944
Tennessee 2471
Texas 7083
Vermont 3757
Washington 503

Zimbabwe 7421
**Climbers** 1301, 4361, 5205, 6524, 6779, 7095, 8023
**Clones** 585, 1027, 1862, 4732, 5241, 6129, 6714, 7105, 7455
***Cneorum tricoccon,*** wood anatomy 5030
***Cneorum trimerum,*** wood anatomy 5030
***Coccidencyrtus*** 3078
***Coccidencyrtus steinbergi*** 3078
**Coccoidea** 2576, 3139
***Coccoloba***
morphology 7074
taxonomy 7074
***Coccoloba acapulcensis,*** distribution 7074
***Coccoloba brasiliensis,*** distribution 7074
***Coccoloba cordata,*** distribution 7074
***Coccoloba schomburgkii,*** distribution 7074
***Coccoloba uvifera***
foliage 6337
plant nutrition 6526
plant water relations 6337, 6526
saline soils 6337
salt tolerance 6337
***Coccygomimus fuscipes*** 8036
***Cochliobolus*** 5265
***Cocos nucifera***
dunes 2493-2494
erosion control 2493-2494
multipurpose trees 562
***Codariocalyx gyroides,*** fodder 7595
**Codes of practice** (*see* Standards)
***Coffea,*** synecology 1598
***Coleophora fuscedinella*** (*see Coleophora serratella)*
***Coleophora laricella*** 1152, 3092, 3144, 5312, 5605, 7214
***Coleophora serratella*** 4473
**Coleoptera** 1074, 2436, 3149, 4485, 7178, 8023, 8056
***Coleosporium evodiae*** 5284
***Coleosporium phellodendri*** 1058
***Coleotechnites piceaella*** 69
***Colinus virginianus*** 1695
**Collembola** 4933
***Colletia cruciata,*** symbiosis 1830
***Colletotrichum*** 4429, 5265
***Colletotrichum dematium*** 4429
***Colletotrichum gloeosporioides*** (*see Glomerella cingulata)*
**Colombia**
*Acacia canescence* 6446
*Acacia cundinamarcensis* 6446
agroforestry 4594, 7332, 8132
*Aulonemia pumila* 6454
*Aulonemia robusta* 6454
bibliographies 4593
browse 4821
*Cedrela odorata* 7332
*Colombobalanus excelsa* 387
*Cordia alliodora* 6856
*Cordia gentryi* 385
*Coussapoa fulvescens* 5152
*Coussapoa tolimensis* 5152
*Coussapoa valaria* 5152
*Cupressus lusitanica* 6130
fodder 4181, 4821
*Gmelina arborea* 1206
mangroves 1597
multipurpose trees 7132
national parks 3182
nitrogen fixing trees 7132
*Pinus chiapensis* 6130
*Pinus oocarpa* 6130
*Pinus patula* 6130
*Pinus taeda* 6130
*Prioria copaifera* 6790
provenance 1206, 1856, 6130
shifting cultivation 7332
soil types 6856
species trials 1206, 1856, 6130, 6712
*Vismia schultesii* 6455
***Colombobalanus excelsa,*** taxonomy 387
***Colophospermum mopane***
afforestation 8109
dunes 8109
elephants 6003
erosion control 8109
flavanols 7875
India 1314
multipurpose trees 1314
reclamation 8109
***Colophospermum mopane*** *cont.*
silvicultural characters 1314
***Coloradia pandora*** 5946
**Colour**
plants 7109
wood 285, 7006
***Colpoma quercinum*** 2447
***Columba leucomela*** 5351
***Combretodendron macrocarpum***
wood anatomy 309
wood chemistry 309
***Combretum apiculatum,*** phenology 1455
***Combretum fragrans***
browse 6601
elephants 6601
***Combretum imberbe***
elephants 6003
foliage 1558, 2228
glycosides 2228
terpenoids 1558, 2228
***Combretum micranthum***
foliage 5042
medicinal plants 5042
multipurpose trees 5042
plant composition 5042
***Commiphora***
agroforestry 1758
charcoal 1758
dunes 2494, 2517
erosion control 2494, 2517
shelterbelts 2517
taxonomy 6458
***Commiphora africana,*** vegetation types 5180
***Commiphora caudata,*** synecology 7094
***Commiphora cyclophylla***
resins 7019
terpenoids 7019
***Commiphora incisa***
resins 1510, 2932
terpenoids 2932
***Commiphora kua***
resins 2932
terpenoids 2932
***Commiphora terebinthina***
resins 7019
terpenoids 7019
***Commiphora wightii***
cytology 2251
resins 2251
**Commonwealth of Nations**
forestry 1195
organizations 1195
**Community forestry** (*see* Social forestry)
**Competition** (*see also* Crown, competition; Roots, competition)
control 4240, 5599
genetics 97
ground vegetation 123, 1006, 1300, 1753, 2001, 3267, 3446, 3754, 3796, 3820, 4130, 4790, 5817, 5835, 6784-6785, 7102, 7548
increment 1687, 2049, 3016, 3446, 3454, 3460, 3796, 4153
simulation 3207, 7417
site factors 5836
stand characteristics 696, 3287, 3463, 3793, 4374
statistical methods 4029
woody plants 685, 696, 1687, 2382, 3267, 4130, 4147, 4804, 5200, 5207, 5593, 5835, 5853, 7926
***Complexipes*** 5257
**Composts** 93, 1953, 3237, 6767, 6774
***Comptonia peregrina,*** symbiosis 1830
**Computer techniques**
agroforestry 1763, 1768, 7341
avalanches 6100
bark beetles 4487
birds 4527
callipers 4828
choice of species 26, 7421
climate 7421
cost analysis 6099
data processing 4603, 4637-4646, 6684-6685, 6882
deer 4040, 4526
dieback 6100
diseases 4648
economics 4039
evapotranspiration 4038
**Computer techniques** *cont.*
fertilizers 6101
forest fires 4314, 4647, 4992, 7790
forest inventories 596, 3289, 4219, 4226, 4232, 4607, 6299, 6882, 6892
forest management 25-26, 1155, 3290, 3537, 3541, 4219, 4221, 4229, 4637, 5466, 5664, 6286, 6299, 7420
forest resources 4607
fungal diseases 7423
German Democratic Republic 1172
grading 2584, 6686, 7613
growth rings 4575
hydrology 27
increment 4852
insect pests 4648, 7423
land use 1763
landscape 3290
light 4897
logging 4218-4219
logging machines 4174
machinery 4174
mapping 4887
mechanization 5501, 6250
mensuration 4646, 4828
natural regeneration 3289, 5489
nurseries 4041, 4120, 6101, 6686
planning 6099
plant nutrition 823
plant succession 4402
planting stock 2584
protection forests 6100
remote sensing 7422
roads 760, 2072, 2750, 5673, 7643
seedlings 6686
seeds 23
solar radiation 4897
thinning 4708
tree breeding 23
valuation 2585
weed control 5488
wildlife 4527, 7423
wood anatomy 24, 2204
work study 1171
yield regulation 5664
yield tables 7619
**Cones** (*see also* Seeds)
abscission 6439
anatomy 1017
chemistry 2918
collection 1903, 6249, 6754, 7483
colour 1895, 7109
damage 7063
development 3067, 3372, 6401, 6439, 7908
diseases 362, 3047-3048
drying 2630, 4710, 6745
equipment 6249, 6745
measurement 362, 1903
morphology 1016, 1903
pests 7-8, 69, 497, 507, 522, 525, 3067, 3069, 3093, 3372, 3936, 4470, 4479, 4521, 6587, 7063, 7211, 7266, 8041, 8047, 8084
processing 1895, 2630-2631, 6153, 6745
production 59, 373, 5816, 7063, 8047
statistical methods 3373
storage 2630, 4710, 6745
theses 497
yields, seeds 362, 1885, 3367, 3373, 4086, 6155, 6754
**Conferences**
A conservação dos recursos genéticos de plantas florestais 7941
A systems approach to forest operations planning and control 1155
Accessibility of Mountain Forests 4614
Acidic deposition and forest decline 3271, 3585, 3599, 3611-3612, 3630-3639, 3752, 3756-3759
Advances in agroforestry research 3264, 3324, 3951, 3968-3989
Agricultural and Forest Meteorology 4986
Agricultural Engineering 6686, 6821
Agricultural Engineering Committee, Hungary 6671

**Conferences** *cont.*
Agricultural policy and the environment 7424
Agroforestry for sustainable production. Economic implications 7395, 7726, 7778, 8126, 8135-8139, 8165
Agroforestry in the humid tropics 6089
Agroforestry in tropical islands 5475
Agroforestry symposium, Rotorua 5464, 5484-5486, 5521-5522, 5596-5598, 6012-6015, 6036-6047
Agroforestry systems in Zimbabwe: promoting trees in agriculture 1157
Air pollution and forest decline 4615
Air Pollution and Plant Metabolism 6668, 6947-6951
Aktualne problemy urządzania lasu w Polsce 6675
Alpine forests: conflict and equilibrium in forest utilization and other functions of forests 3269
Alternatives in rural development, India 7404
Anbau fremdländischer Baumarten im Lichte der gegenwärtigen Waldschäden 6078
Anthropogenous effects on plant structure 4619, 4968-4971, 5116-5117
Applied biotechnology 6163
Arid lands: today and tomorrow 6693, 7083, 7314-7315
Aspen quality workshop 6674
Assessment of crop loss from air pollutants 2143
Austrian Society for Geomechanics 4022
Bangladesh Science Conference 6058
Biochemical genetics and legislation of forest reproductive material 585
Biodeterioration 1638
Biological and genetic control strategies for the leucaena psyllid 5473, 5826, 5922-5932, 5974-5981, 6010
Biological reactions of trees to industrial pollution 7398
Biology and conservation of northern forest owls 4608
Biomass energy: building blocks for sustainable agriculture 1156
Biomass production by fast-growing trees 4014, 4033-4037, 4128-4129, 4209, 4275-4276, 4280, 4303, 4329, 4422-4423
Biometeorology and Aerobiology 4986
Brazilian Forest Congress 580, 616-623, 631, 643, 651, 659, 667, 692, 709-713, 723-724, 746, 774, 778, 826, 856-858, 861, 878, 953, 1035-1039, 1119-1121, 1132
Brazilian Seed Congress 3357
Breeding strategy for Douglas-fir as an introduced species 2578
Broadleaves — have they a future in Irish forestry? 4606
Canada-Ontario Joint Forestry Research Committee 15
Canadian forest tree nursery weed control workshop 14
Canadian Tree Improvement Association 583
Carnation Creek Herbicide Workshop 3265
Central Hardwood Forest Conference 10
Chlorinated dioxins and related compounds 4951
Community forestry management 1818
Congreso de Fitopatologia 7167
Conservação dos recursos genéticos de plantas florestais 7397, 7924, 7962
Conservation and utilization of Ethiopian germplasm 4822
Conservation of forest plant genetic resources 7397
Conversion planning conference 4017
Crop Protection 1273, 2422, 2451, 2453, 3082
Cropping in the semiarid areas of Zimbabwe 1740

**Conferences** *cont.*
Cumbrian woodlands — past, present and future 3272
Current problems of forest management in Poland 6675
Current topics in forest research: emphasis on contributions by women scientists 6085
Dendrochronology and mortality of trees in Europe 4019
Desenvolvimento econômico e impacto ambiental em áreas de trópico úmido brasileiro 5465
Desert technology 4333-4334
Desertification & environment 6079
Deutsche Gesellschaft Allgemeine und Angewandte Entomologie 7178, 7213-7214, 7239, 7278
Eastern white pine: today and tomorrow 6086
Ecodevelopment of Western Ghats 591
Ecological impact of acidification 7768-7770
Ecological, physical and socioeconomic relationships within southern national forests 5470
Ecology and ecophysiology of plants of mesoamerican forests 1824, 1883, 1969, 2119, 2254-2255, 2295-2297, 2315, 2328-2329, 2416-2417
Economic development and environmental impact in areas of the Brazilian humid tropics 5465
Economic evaluation and management of agroforestry 1162
Ectomycorrhiza and acid rain 3270
Effects of land use on fresh waters 1700-1703
Energy from Biomass and Wastes 6083, 6116, 6125, 6131, 6203-6206, 6244, 7394, 7469, 7530-7531
European Carabidologists' Meeting 2407-2410, 2452
European Forestry Commission 4022
European Grassland Federation 1738
European workshop on parasitoid insects 5941
Farming Systems Research Symposium 1852, 2534-2535, 3199-3201
F/FRED *Leucaena* psyllid regional research workshop 5331
Food systems of the world 7600
Forage legumes and other local protein sources as substitutes for imported protein meals 4181
Forest growth data: capture, retrieval and dissemination 4603, 4637-4645, 4828, 4842, 4851-4852, 4873-4874, 6683-6685, 6882
Forest recreation in the Caribbean islands 6673
Forest resource data bases 4607
Forest soils: a resource for intensive forest management 9
Forestry management and research — partners into the 21st century 3266
Forestry planning in Solothurn Canton 7399
Forests in danger — human impact 4021
Forests of Jamaica 1772, 1827
FORPLAN: An evaluation of a forest planning tool 5466
Forum of natural resources in Kenya: Innovations in land-use management 5420
Fragile lands of Latin America: the search for sustainable uses 6660, 6831, 6833, 6835, 6881, 7328, 7344-7346
*Frankia* and actinorhizal plants 1826, 1830, 1922-1924, 1941-1943, 2124-2130, 2256-2257, 2352, 2369-2379
Future directions for watershed research in the Asia-Pacific region 4604
Future forests of the Mountain West 5462

**Conferences** *cont.*
Future role of forest plantations in the national economy and incentives to encourage investments in forest plantation development 3299
Genetic manipulation of woody plants 1804, 1913-1920, 1925-1928, 1985, 2324-2325, 2330, 2335, 2337-2340, 2355
Geographic information systems 4218-4219, 4226-4229, 4314, 4526-4527
*Gliricidia sepium*: Management and improvement 5474
Grassland ecology III 7347
Green manure in rice farming 1741, 3484
Greenhouse warming: abatement and adaptation 6676
Growing exotic tree species in the context of the current forest damage 6078
Improvement of the production and processing of poplar and willow wood in Croatia 3273, 3592-3593, 3847-3848, 3886
Indian rangelands — status and improvement 4517
Influence of different kinds of vegetation cover on erosion, water quality and quantity 4022
Infortunistica, sicurezza e confort nella meccanizzazione agricola e forestale e nei fabbricati di esercizio 4018, 4058-4061
Ingegneria per lo sviluppo dell'agricoltura 6305, 6873
Insects affecting reforestation: biology and damage 1828, 1960, 2011, 2022, 2419, 2431, 2438-2440, 2465, 3071-3072, 3100-3105, 3125-3126, 3154, 4467, 4494-4495, 4499-4502, 4515-4516
Intensification of broadleaf forestry 5477
Interactions between soil-inhabiting invertebrates and microorganisms in relation to plant growth 6330
Interamerican Society for Tropical Horticulture 1734
Intermountain Forest Nursery Association 5468
International Botanical Congress 4619
International forestry conference for the Australian Bicentenary 1988 1819-1823, 1867, 1962, 2086, 2168, 2253, 2496-2497, 2524, 2546, 2549, 3174, 3195-3197
International Forestry Students Symposium 4021
International Plant Propagators' Society 1154, 1795, 1800, 2560, 2644-2645, 2825, 3236-3238
International Rangeland Congress 1323, 1691-1692, 1748-1750, 4517, 6618
International scientific colloquium on coffee 3172
International Symposium on Crop Protection 2422, 2451, 2453
International Symposium on Scale Insect Studies 2576, 2715, 3078, 3139
Inventory integration workshop 4617
ISNAR/Rutgers Agricultural Technology Management Workshop 7349
IUFRO 585-586, 1155, 1828, 2578, 4022, 4614-4615, 5476, 6672
IUFRO World Congress 1160
Kita-Nihon Forest Economics Research Society 3545, 4001
Lake States Forest Soils Conference 9
Land and resource evaluation for national planning in the tropics 13
Land classifications based on vegetation: applications for resource management 7401
Landscape ecology and management 4004
L'arbre en ville 6082
Larch workshop 581

**Conferences** *cont.*
Latest achievements and prospects in forest genetics and tree improvement 1160
Lesotho Science and Technology Association 7437
Local level planning for sustainable land use 1159
Lodgepole pine: the species and its management 12
Lyme disease and related disorders 5507-5508
Malaysian Society of Animal Production 1745, 5389
Management of lodgepole pine to minimize losses to the mountain pine beetle 7402
Management of small-stem stands of lodgepole pine 4609, 4797, 4893, 4990, 5206, 5358
Management of subalpine forests: building on 50 years of research 5467
Management of the forests of tropical America: prospects and technologies 7396
Managing southern forests for wildlife and fish 5469
MARI 87 2081, 2204
Mechanisms of woody plant defences against insects: search for pattern 5460
Modelling Forest Growth Processes 6081, 6339-6340, 6350, 6359, 6424, 6608-6609
Multiple-use management of California's hardwood resources 5471
National Rangeland Symposium, India 1746, 4518, 5515-5516, 5625, 5982-5983, 6005, 6024, 6028-6030
National seminar on forest tree seed 590
National workshop on forest seeds and nurseries 3274
NATO advanced research workshop 5478
NATO advanced research workshop on plant vacuoles 575, 917-922
Natural pesticides from the neem tree and other tropical plants 2608, 2696, 2904-2906, 3183, 3701
New Brunswick Forest Research Advisory Committee 581
New England growth and yield workshop 4024
New ways in forest genetics 583
New Zealand Grassland Association 8155-8156
New Zealand weed and pest control conference 6803
New Zealand Weed and Pest Control Society 6227
Nishi-Nippon Forest Economics Research Society 3421, 3546
Nitrogen fixation: hundred years after 7405, 7733
North Central Weed Control Conference 2577, 3445, 4144, 5585-5586, 6669
Northeastern Weed Science Society 4145, 5589-5591, 6670
Northern Silviculture Committee's 1988 Winter Workshop 3268
Nutrient management for food crop production in tropical farming systems 5412-5415
Pasture research and development in the Eastern Caribbean 3483
Pest management in agroforestry systems 1158
Phytopharmacy and Phytiatry 1645
Planning methods for access development in mountainous forests 4614
Plant microorganism interfaces: structure and function 7137-7140
Prairie Federal-Provincial Nurseryman's Meeting 4610
Preparing for the 21st century: proceedings of the forest land inventory workshop 4616
**Conferences** *cont.*
Prescribed fire and smoke management in the South 11
Primeval improvement: the new forestry age 4612
Promotion of fodder and fuelwood trees 4620
Protecting people and homes from wildfire in the Interior West 5463
Quantitative Genetics 4406-4408, 7120
Range Management Society of India 1689, 1739, 3387, 3802
Rangelands resource and management 1746, 4518
Reakcje biologiczne drzew na zanieczyszczenia przemysłowe 7398
Regional meeting on agroforestry in tropical islands 5398
Remote sensing, moving towards the 21st century 4235
Renewable natural resources. Economic incentives for improved management 5461
Renewable resources for regional development: the Indian and the Soviet experience 4658-4659, 5493
Research activities on nature conservation areas 6080
Research on Torrent Erosion and Avalanches 4022
Results of forestry research in East Kalimantan 3469
Role of forestry in combating desertification 1161
Root and butt rots 5476
Roots and the soil environment 1753
Safety and ergonomics in agriculture and forestry mechanization and farm buildings 4018
Seed problems under stressful conditions 586
Seminar on rubber 4686
Shrub ecophysiology and biotechnology 7400
Simulation of systems in biology and medicine 3287
Sistemi informativi per i servizi di sviluppo in agricoltura 5499-5501
Site classification in relation to forest management 15
Site selection and characterization 7329
Society of Irish Foresters 4606
Soil and water conservation in Kenya 1170, 1760, 2537, 5754, 6006
Soil conservation and agroforestry 5404
Soil erosion and its control 6009
Solonetz soils. Problems, properties, utilization 7034
Southeastern Recreation Research Conference 6087-6088
Southern Biomass Conference 4601, 4765-4766, 4845-4846
Southern Forest Tree Improvement Conference 4618
Southern Silvicultural Research Conference 6084
Southern silviculturists and forest research workers 589
Specialists in Air Pollution Effects on Forest Ecosystems 4615
SPOT 1, image utilization, assessment and results 1376
Strategies for classification and management of native vegetation for food production in arid zones 7464, 7588-7589, 7640, 7663, 7719, 7935-7938, 8134
Studies on the relations between plants and insects 3066, 3096
Swiss Forestry Association 1817
Swiss Forestry Society 7430, 7456
The ecology and management of biological invasions in southern Africa 4783, 5210-5211
The efficiency of trees in African agrarian production and rural landscapes 4602
The forest as a Finnish cultural entity 4023
**Conferences** *cont.*
The red soils of east and southern Africa 7711
The tree in the city 6082
Theory and models in vegetation science 584, 954-956, 970, 1009
Timber management resource planning and inventory workshop 582
Towards better extension in social forestry projects in the tropics 42
Tree biomass regression functions and their contribution to the error of forest inventory estimates 4613
Tree mycoplasms and mycoplasma diseases 3880
Tropical pastures and fodder resources 1165, 1319, 1747
Tropical tree seed research 6672, 6706, 6722-6743, 7038, 7063, 7106, 7145, 7233
Tropische Weiden und Futterresourcen 5180
University of California Rural Energy Conference 1278
Use of auxiliary information in natural resource inventories 588
*Vaccinium* culture 8157
Vegetation — climate equilibrium 587
Vegetation Management Workshop 3267
Vegetative propagation of woody species 1244-1253, 1910, 2559
Vertebrate Pest Conference 6667
Waste land development 7403
Wastes as manures 1937-1938, 2101
Western Society of Weed Science 133-134
Wet zone forests of Sri Lanka 4611
Wetlands/peatlands 2648, 2682-2683, 3168, 3594, 3602, 3803
Wildland fire 2000 5472
Windbreak technology 1825, 2401, 2412-2413, 2498-2516
Wise utilization of tropical rain forest lands 4605
Working group on fodder trees, forest fodder and leaf litter 4020
World Forestry Congress 3430, 4022
Yield Studies Section of the German Association of Forestry Research Institutes 753, 925-926
Yugoslav Weed Science Society 2684
Zones défavorisées méditerranéennes dans la CEE 4538
Zukunft für ländliche Gemeinden und Regionen 4536
**Congo,** agroforestry 7350
***Conidiobolus*** 5981
***Conidiobolus cornatus*** 5981
**Coniferae**
chemotaxonomy 2930
forest influences 4985
frost injury 2782
fungal diseases
*Armillaria* 481
*Phytophthora* 3883
genetics 2337
insect pests 496
nurseries 3883
phenolic compounds 2930
plant disorders 2782
shelterbelts 6613
tissue culture 1256, 1919, 4738
***Coniothyrium ovatum*** 4443
**Connaraceae,** taxonomy 2277
***Conocarpus erectus***
foliage 6337
plant nutrition 6526
plant water relations 6337, 6526
saline soils 6337
salt tolerance 6337
***Conocarpus lancifolius***
agroforestry 3175
farm forestry 3175
mined land 3175
reclamation 3175
***Conophthorus*** 2390
bibliographies 8
***Conotrachelus naso*** 3112
***Contarinia*** 2419, 5287
***Contarinia baeri*** 4502

***Contarinia oregonensis*** 8084
**Contour ridging** 2674, 8133
**Controlled burning** (*see also* Site preparation, burning; Weed control, burning)
conferences 11
damage 2869, 6982
ecology 867, 2532, 2554, 2867, 4994, 4996, 5207-5208, 5345, 5352, 5761, 5763, 5987, 6372-6373, 6976, 7100, 7284
fire prevention 871, 2868, 3664, 5761, 5764, 7791
forest litter 3664, 4997, 5763
increment 7284
meteorology 5765
methodology 5766, 6978
natural regeneration 2184, 4996, 5987, 6372
nutrients 871, 2186, 4997, 6704
planning 2868, 4993-4994, 5761, 5765, 6704, 6977-6978, 7791
policy 2868
seasons 2184, 4996
simulation 2869, 7791, 7958
smoke 6704
soil 682, 871, 3665, 6373
statistical methods 5764
**Convolvulaceae,** wood anatomy 5033
**Cook Islands**
agroforestry 3991, 5475
deforestation 3991
**Cooperatives** 208, 6023, 6121, 7452-7453 (*see also* Forest management, cooperatives)
***Copaifera,*** silvicultural characters 7485
***Copaifera langsdorfii***
biomass 3513
increment 3334
seeds 3359
stem form 3334
***Copaifera officinalis,*** tissue culture 72
***Copernicia tectorum,*** epiphytes 1007
**Coppice**
*Acacia* 6267
*Alnus* 3419
*Alseis* 5578
*Balanites* 108
*Betula* 1281, 5571, 6207, 6865
biomass 446, 1199, 2694, 4201, 4693, 6203, 6205-6206, 6865, 7531
*Calliandra* 3331
*Carpinus* 5571, 6865
*Carya* 3420
*Castanea* 5571, 6865
*Cecropia* 5578
China, Hunan 4257
conversion 663-664
coppice with standards 663, 665, 667
*Corylus* 1282, 5571
ecology 2694, 5571
economics 778, 1199, 6206
*Eucalyptus* 1527, 4765
*Faramea* 5578
Finland 6207
France 2694, 6865
*Gliricidia* 3331
growth 105, 666-667, 1281, 3419-3420, 5005, 5013, 6207, 6267, 6778
*Guarea* 5578
*Hirtella* 5578
*Hura* 5578
Indonesia 3331
*Jacaranda* 5578
*Leucaena* 3331, 6778
management 668, 3420, 6207, 6267, 7815
*Morus* 5005
Nepal 6131
Panama 5578
*Populus* 6206, 7815
*Poulsenia* 5578
*Protium* 5578
*Quararibea* 5578
*Quercus* 2694, 3420, 6865
*Robinia* 5751
*Salix* 4201
*Sapium* 6205
silviculture 668, 4201, 6778
soil 2694
*Trichilia* 5578
UK 1282, 5571
**Coppice** *cont.*
*Virola* 5578
*Vitex* 610
wood properties 287, 5751
***Coptoptermes elisae*** 3075
***Coptotermes*** 3062, 7186
***Coptotermes acinaciformis*** 5301
***Coptotermes formosanus*** 3076, 8026
***Cordeauxia edulis***
agroforestry 3210
botany 6262, 6265
browse 6262, 6265-6266, 6384
fodder 3159, 6266, 6384
foliage 6262, 6266, 6384
Kenya 6265
multipurpose trees 875, 6265-6266
phenology 6262, 6265
plant composition 6262
seed collection 6265
shoot cuttings 6265
silvicultural characters 6266, 6384
silviculture 6262
Somalia 6262, 6265, 6384
species trials 3210
***Cordia***
agroforestry 1758
Brazil 946
charcoal 1758
pollen 2273
taxonomy 2273
***Cordia alliodora***
agroforestry 560, 1103, 3208, 3972, 3974, 3976-3977, 3982, 3998, 6048, 7336, 8132, 8144
alluvial soils 6856
cycling 3208, 3972, 3976, 3998, 6048
diameter 3524
forest influences 3208, 3976, 6048
forest litter 4923
fungal diseases
*Corticium* 4441
*Phellinus* 4433
hydrology 1103, 3208, 3998, 6048
increment 6856, 8132
insect pests 4460
light 2255
photosynthesis 2255
plant succession 2255
plus trees 3843, 6146
provenance 1214, 3843, 4066
seed orchards 3843
seed trees 6146
seedlings 2255
shade trees 1420, 3972, 3974, 3976-3977, 6048, 7336, 8144
shoot cuttings 4092
silviculture 4171
tree breeding 3843
vegetative propagation 3843
wind damage 4253
yield forecasting 7336
***Cordia collococca,*** insect pests, *Galerucella* 8054
***Cordia dichotoma***
irrigation 612, 1265, 1994
nurseries 1265
salt tolerance 1265
***Cordia gentryi,*** taxonomy 385
***Cordia gerascanthus,*** increment 7621
***Cordia gharaf,*** wood density 7609
***Cordia goeldiana***
form factors 5640
increment 5640
***Cordia megalantha,*** light 2777
***Cordia panamensis,*** taxonomy 385
***Cordia platythyrsa***
wood anatomy 309
wood chemistry 309
***Cordia rothii***
foliage 2260
optical properties 2260
***Corema,*** wood anatomy 2887
***Coriaria,*** root nodules 4427
***Coriaria arborea***
plant nutrition 2130
root nodules 2130
symbiosis 2130
***Coriaria nepalensis,*** symbiosis 1830
***Coriolus versicolor*** 1638
**Cork** 1042, 5075
***Cornulaca monacantha***
multipurpose trees 3950
shelterbelts 3950
***Cornus,*** insect pests, *Pulvinaria* 3082
***Cornus alba***
foliage 6519
fungal diseases, *Septoria* 6519
***Cornus amomum***
flowering 7803
fruiting 7803
irrigation 6614
shelterbelts 6614
***Cornus florida***
acid rain 7165
control 4144
embryo culture 6644
flowering 7803
foliage 5288
fruiting 7803
fungal diseases, *Discula* 5288, 7161, 7165
insect pests 7276
irrigation 7369
nurseries 7369
ornamental woody plants 7369
plant succession 2313
***Cornus foemina***
flowering 7803
fruiting 7803
***Cornus kousa,*** fungal diseases, *Discula* 7161
***Cornus nuttallii,*** height 6848
***Cornus racemosa***
irrigation 6614
shelterbelts 6614
***Cornus sanguinea***
planting stock 4088
seeds 4088
silviculture 4088
***Cornus sericea***
acclimatization 2949
dormancy 2949
nurseries 3237
***Cornus stolonifera***
flowering 7803
foliage 6519
fruiting 7803
fungal diseases, *Septoria* 6519
reclamation 5379
***Corticium rolfsii*** 5267
***Corticium salmonicolor*** 3870, 4429, 4441, 5263, 5267
***Corylus***
control 3445
cycling 5752
mined land 797
plant composition 797
soil chemistry 797
stemflow 5752
taxonomy 2976
throughfall 5752
***Corylus americana,*** stand characteristics 1603
***Corylus avellana***
biochemistry 7045
coppice 1282, 5571
embryo culture 1910
flowers 7045
gas exchange 4345
genetics 7119
organ culture 1910
palaeoecology 2995
phenology 1458
pollen 7045
pollination 7119
polyamines 7045
synecology 1003
***Corylus colurna,*** landscape 7362
***Corylus cornuta***
control 1999
stand characteristics 1603
***Corypha umbraculifera***
flowering 6992
flowers 6992
***Corythucha ciliata*** 6534, 8083
***Coscinium fenestratum***
alkaloids 3698
medicinal plants 3698
***Cossus cadambae*** 2430
***Cossus cossus*** 6616

**Cost analysis** 228, 2015, 2557, 2763, 3565-3566, 6099, 6311, 6315, 6696, 7295, 7312, 7447, 7646, 7666, 7668
**Costa Rica**
*Acacia mangium* 1861, 7462
afforestation 4676
agroforestry 560, 1103, 3208, 3951, 3971-3974, 3976-3977, 3979-3983, 3990, 3997-3998, 4577, 5403, 6048, 6050, 7335-7336, 8144
*Alchornea latifolia* 6524
*Alnus acuminata* 2052
*Atta cephalotes* 3916
*Bactris gasipaes* 3979
*Bombacopsis quinata* 2724
*Bursera simaruba* 4361
*Calliandra calothyrsus* 2177
choice of species 2611
climbers 4361, 7095
cloud forests 6524
*Cordia alliodora* 3524, 6146
*Cupressus lusitanica* 4718
cycling 4923
deforestation 5382, 7785
dendrochronology 6073
environmental protection 5382
*Eucalyptus deglupta* 2611, 2722
*Eugenia* 6524
*Ficus crassiuscula* 6524
flora 5191
forest ecology 1824, 2416, 3890
forest influences 2177, 3208, 6048
forest litter 4923, 5366
forest management 7537
forestry 4676
fuel plantations 2052
*Guarea tuisana* 6524
*Gyrocarpus jatrophifolius* 5833
*Hamelia patens* 1580
*Hernandia didymantha* 5833
*Hernandia stenura* 5833
Hernandiaceae 5833
hydrology 1103, 3208, 3998, 6048
information services 3320
insect pests 4460
labour 4676
land use 5382
Lauraceae 5832
*Leucaena diversifolia* 3348
*Leucaena leucocephala* 3348
*Mouriri osaensis* 383
mulching 3997
national parks 5191
natural regeneration 1969, 4902
nature conservation 6063
nurseries 103, 3274
Nymphalidae 3890
organizations 5403
Palmae 5191
*Pentaclethra macroloba* 5163
periodicals 4577
*Pinus caribaea* 690
plant succession 2255, 4460, 5190, 5217
pollution 5382
provenance 1861, 3845, 7462
rain forests 3890
research 3320
*Rhizophora mangle* 5162
roots 2813
*Sapium pachystachys* 6524
seed production 4718
seeds 3274
shade trees 1420, 3972, 3974, 3976-3977, 6048, 7336, 8144
silviculture 7537
site class assessment 2724
soil physics 2177, 7785
soil water 2177
*Sparattanthelium amazonum* 5833
*Sparattanthelium septentrionale* 5833
species trials 1861, 3348
stand characteristics 1969, 2296
swamps 5190
synecology 2296, 5191
tropical forests 1824, 2296, 2329, 2416
vegetation types 1969, 2255, 2329, 5217, 7537
vegetative propagation 80
wildlife 5366
wood density 6364
***Coula edulis***
wood anatomy 309
wood chemistry 309
***Couma guianensis***, plant morphology 7831
***Coussapoa fulvescens***, taxonomy 5152
***Coussapoa tolimensis***, taxonomy 5152
***Coussapoa valaria***, taxonomy 5152
***Coutarea hexandra***
coumarins 3700
medicinal plants 3700
**Cover crops** 8149
***Crataegus***
amino acids 5048
cytology 3778
distribution 3778
fruit 6264
taxonomy 3778
***Crataegus curvisepala***
cytology 3778
distribution 3778
taxonomy 3778
***Crataegus heldreichii***, distribution 7931
***Crataegus laevigata***
cytology 3778
distribution 3778, 3849
hybrids 3849
insect pests 7182
reproductive behaviour 931
taxonomy 3778
***Crataegus laevigata* × *C. monogyna***, distribution 3849
***Crataegus mexicana***, agroforestry 1756
***Crataegus mollis***, insect pests, *Rhagoletis* 7248
***Crataegus monogyna***
cytology 3778
distribution 3778, 3849
dunes 408
grazing 5991
hybrids 1622, 3849
phenolic compounds 6391
phenology 1458
plant succession 425
planting stock 4088
reproductive behaviour 931
seeds 4088
sheep 5991
shoots 6391
silviculture 4088
taxonomy 3778
***Crataegus monogyna* × *C. punctata***, genetics 1622
***Crataegus oxyacantha*** (*see Crataegus laevigata*)
***Crataegus punctata***, hybrids 1622
***Crateva tapia***, wood anatomy 887
**Credit** 33, 4053, 4540, 6113
books 4587
***Creightonella*** 3767
***Crescentia alata***
foliage 7726
mycorrhizas 5251
plant composition 7726
***Criconemoides*** 8072
***Cronartium*** 8009
***Cronartium coleosporioides*** 5282
***Cronartium comandrae*** 4492
***Cronartium comptoniae*** 7155
***Cronartium flaccidum*** 1642, 4430
***Cronartium fusiforme*** 484, 1056, 1916, 3876, 5898, 5906, 7156, 7158
***Cronartium ribicola*** 1058, 8012
***Crossotarsus biconcavus*** 3111
***Croton cajucara***
medicinal plants 3699
terpenoids 3699
***Croton howii***
distribution 5828
plant morphology 5828
taxonomy 5828
***Croton megalocarpus***
bark 5050
medicinal plants 5050
terpenoids 5050
***Croton sonderianus***
browse 3486
fertilizers 3486
plant composition 3486
roots 7865
terpenoids 7865
**Crown**
competition 359, 722
damage 237, 365, 1578, 4355
development 173, 365, 1354, 2966, 6380, 7802
dimensions 1331, 1379, 2292, 2742, 3527, 4206, 4355, 5112, 5641, 5775, 7162, 7781, 7797
equipment 4186, 4628
height 3527
measurement 172, 722, 4186
methodology 5641
roots 2966
sampling 4628
statistical methods 4841, 5641
weight 723, 1379, 2050, 7606-7607
**Cruising** (*see* Forest inventories)
**Crustacea** 7708
***Cryphalus abietis*** 7223
***Cryphalus fulvus*** 3912
***Cryphonectria parasitica*** 2346, 3050-3051, 5280, 5894, 7153, 7172
***Cryptocarya***, taxonomy 3772
***Cryptocarya angulata***, essential oils 5083
***Cryptococcus fagisuga*** 929, 5920, 7191
***Cryptodiaporthe populea*** 3886, 7148, 8001
***Cryptomeria japonica***
air pollution 275, 2842, 6999
altitude 737
artificial regeneration 113
bark 348, 537, 726, 6563
biomass 185, 4858, 7623
canopy 2488
clones 1027
colour 285, 7109
crown 1379
cutin 1407
cycling 2829
cytology 310, 320
dendrochronology 1801
dendroclimatology 4567
diameter 726
differentiation 1474
discoloration 320
embryology 1473
extractives 6563
fertilizers 88
fibres 6999
flowering 355, 1221, 5136
flowers 5136
foliage 1444, 2842, 3495, 7031
forest fires 870
forest influences 290, 1444, 4914
forest inventories 2074
forest litter 1407, 2112, 2803, 4914, 7927
forest management 418
frost resistance 6938
fungal diseases 1632
genetics 2334, 7109
German Federal Republic 2614
growth models 1350
growth regulators 355, 1221
growth rings 1617, 1801, 6999
heartwood 257, 285
height 1379
humus 1444
increment 737, 4858, 7630
insect pests
*Calliteara* 2842
*Epinotia* 7200
*Resseliella* 5326
Scarabaeidae 6586
*Semanotus* 6563
latewood 1617
light 98, 1388, 1442, 4300
maps 2093
mechanics 1304
mixtures 6237
mortality 7566
mycorrhizas 1829
natural regeneration 399, 870, 935
nurseries 98
nutrients 7927
photosynthesis 358
plant composition 348
plant water relations 257, 6938
planting 6215
plus trees 1027, 1335, 1617
pruning 48, 155, 157, 1316, 6237, 6813, 7584

***Cryptomeria japonica*** *cont.*
radionuclides 4567
remote sensing 1379
resin canals 6995
resins 6563
respiration 358
roots 1829
runoff 1705
salt injury 1632
sapwood 257
seedlings 358, 399
selective felling 7783
shelterbelts 1108
shoot cuttings 7976
silvicultural conversion 6237
snow 737, 1436, 2093
soil chemistry 1444, 2829, 4914
soil pH 7927
soil water 1398, 1443
solar radiation 1388
spacing 6215, 6850, 7623
squirrels 537
stand characteristics 144, 169, 418, 2009, 6814, 7561
stem form 725, 1335
synecology 5187, 7927
tannins 2842
terpenoids 7031
thinning 137, 1307, 6237
tissue culture 646
tracheids 1474
transpiration 2488
underplanting 113
variation 6497, 7042, 7976
volume determination 180, 727
volume tables 3501
weed control 2009
wind damage 1632
wood anatomy 310, 320, 6497, 7409
wood chemistry 264, 339-340, 7042
wood density 257
wood properties 1436
wounds 320
yield tables 197
***Cryptorhynchus lapathi*** 3848
***Cryptosphaeria populina*** 3851
***Cryptostegia grandiflora***
foliage 2260
optical properties 2260
***Cryptothelea*** 3062
**Crystals** 309, 1469, 5070, 7814
**Cuba**
agroforestry 3187
*Albizia falcataria* 7473
*Bucida* 334
choice of species 7473
*Cronartium* 8009
*Dioryctria horneana* 7970, 8009
flora 405
*Galerucella venustula* 8054
grazing 3187
hydrology 3945
*Lophodermium australe* 8013
machinery 3261
mechanization 7587
*Megacyllene difficilis* 8055
*Mycosphaerella dearnessii* 7849
nurseries 7525
*Pinthocoelium columbinum* 8055
*Pinus cubensis* 7970
provenance 7460
*Rhyacionia frustrana* 8076
shade trees 3172
stand characteristics 3813, 7621
vegetation types 405, 985, 3813, 7621
water pollution 3945
watersheds 3945
weed control 7525
wood anatomy 888
***Cudrania cochinchinensis***
medicinal plants 2894
roots 5051
xanthones 2894, 5051
***Cudrania javanensis,*** insect pests, *Lohita* 5304
**Culicidae** 5910
***Cullenia exarillata,*** synecology 7944
***Cullenia excelsa,*** vegetation types 2303
***Cunninghamia konishii***
seeds 1220
wood anatomy 6399
***Cunninghamia konishii*** *cont.*
wood chemistry 6399
***Cunninghamia lanceolata***
age of trees 6325
agroforestry 2541, 4546
allelopathy 2541
callus 3161
cytokinins 4349
dormancy 625
early selection 3029
economics 7666
essential oils 349
fibres 6415
forest litter 2541, 2803
fungal diseases
*Glomerella* 5268, 8014
*Pythium* 478
genetics 430, 5124
growing media 6197
growth models 6857
ice damage 4257
increment 107, 125, 4266, 6857
insect pests
*Phloeosinus* 3107
*Polychrosis* 3098
*Semanotus* 4512
mycorrhizas 7134
photosynthesis 6197
plant water relations 6197
provenance 625, 5518
reproductive behaviour 5124
rotations 5614
seed orchards 1872, 7666
seedlings 625
seeds 6730
silvicultural conversion 107
silviculture 5614
site class assessment 183
site preparation 125
soil chemistry 6325
soil fertility 4266
soil water 1397, 1443
spacing 4298
species trials 5518
squirrels 3161
stand characteristics 5614
Taiwan 625
thinning 4298
tracheids 284, 2209
variation 6730
weed control 6776
wood anatomy 2580
wood chemistry 6415
wood properties 4298
wounds 3161
***Cunonia capensis***
photosynthesis 6941
plant water relations 6941
***Cupania macrophylla,*** increment 7621
***Cupressocyparis leylandii***
bibliographies 6662
clones 6714
fungal diseases, *Seiridium* 5278
insect pests, *Cinara* 1656
New Zealand 6714
***Cupressus***
air pollution 4954
dieback 4954
insect pests
*Phloeosinus* 4490
*Thaumetopoea* 6548
***Cupressus arizonica***
grafting 7372
mistletoes 3887
rootstocks 7372
***Cupressus funebris***
bark 1465
fungal diseases, *Phomopsis* 471
***Cupressus gigantea,*** fungal diseases, *Phomopsis* 471
***Cupressus glabra*** (*see Cupressus arizonica*)
***Cupressus lindleyi*** (*see Cupressus lusitanica*)
***Cupressus lusitanica***
breeding programmes 2331
Colombia 6130
Ethiopia 1296
forest management 6288
fungal diseases, *Seiridium* 5278
provenance 6130
***Cupressus lusitanica*** *cont.*
seed germination 6737
seed production 4718
seed treatment 6737
species trials 3281, 6130
spiral grain 6363
Tanzania 2331
***Cupressus macrocarpa***
bark 1465
frost resistance 4252
fungal diseases, *Seiridium* 1057, 5278
species trials 3281
***Cupressus nevadensis*** (*see Cupressus arizonica*)
***Cupressus sempervirens***
bark 1465
foliage 2183
forest fires 2183
fungal diseases
*Diplodia* 5895
*Seiridium* 2394, 5895
Nematoda 517
plant water relations 5895
roots 517
transpiration 261
***Cupressus torulosa***
forest influences 4914
forest litter 4914
soil chemistry 4914
synecology 5186
***Curculio pardalis*** 3112
**Curculionidae** 3112, 5949, 5951, 7227
***Curinus coeruleus*** 3152, 8080
***Curvularia*** 5265
***Curvularia clavata*** 7998
**Cut foliage** 2018
**Cutting (felling)** (*see* Felling)
**Cuttings** (*see* Planting stock, vegetative propagation; Vegetative propagation)
**Cyanobacteria** 2367
***Cyanocitta cristata*** 3002
***Cyathea***
distribution 3773
taxonomy 3773
***Cyathea dealbata,*** synecology 7920
***Cyathea pubescens,*** epiphytes 5161
**Cyatheaceae**
distribution 3773
taxonomy 3773
***Cycas revoluta,*** seed germination 4715
***Cycas rumphii,*** ethnobotany 2016
***Cycas taiwaniana***
nitrogen fixation 5874
root nodules 5874
***Cyclaneusma minus*** 5286
**Cycling**
*Abies* 2134, 5589
*Acer* 909, 3636, 6349
air pollution 3612
*Alnus* 6282
aluminium 2837, 3638, 7729
*Avicennia* 3659
boron 806
cadmium 2837, 5743
calcium 1408-1409, 2123, 2135, 2147, 2828-2829, 3212, 3608, 3614, 3946, 3978, 3998, 4942, 5589, 5736, 7706, 7729
carbon 17, 829, 1200, 1409, 2861, 3004, 3978, 4859, 5715, 7729-7730
*Carpinus* 2147
*Carya* 909
copper 806, 5743
*Cordia* 3972, 3976, 3998
*Dendrocalamus* 1783
*Erythrina* 3972, 3976, 3998
forest litter 806, 1408-1409, 2113, 2135, 3614, 3659, 3998, 4923, 5731, 5738, 6917, 7700, 7704, 7729-7730
*Fraxinus* 909, 2134
fungi 2826
hydrology 2135, 2837, 3208, 3608, 3998, 5730-5731, 5738, 6048, 6942
iron 806, 5743, 7729
lead 2837, 5743
*Leucaena* 4942
*Liquidambar* 909
*Liriodendron* 6349

**Cycling** *cont.*
logging 826, 909, 2123, 2771, 2861, 3532, 3613, 4942, 5736, 6282, 7730
magnesium 1408-1409, 2123, 2135, 2147, 2828-2829, 3212, 3608, 3614, 3946, 3978, 3998, 4942, 5736, 7706, 7729
manganese 806, 2147, 2837, 5743, 7729
methodology 17
nickel 5743
nitrogen 17, 267, 780, 837, 2135, 2826, 2828, 3004, 3212, 3613, 3624, 3978, 5753, 6970, 7698, 7729
*Abies* 1402-1403, 2831, 3640, 5589
*Acer* 2123, 4948
*Alnus* 243
*Aspidosperma* 3614
*Avicennia* 1399
*Betula* 2123
*Caryocar* 3614
*Cassia* 6352
*Chamaecyparis* 2829
*Cordia* 3976, 3998
*Cryptomeria* 2829
*Erythrina* 3976, 3998
*Eucalyptus* 7706
*Fagus* 1409, 2123
*Gliricidia* 6352
*Leucaena* 4942
*Picea* 1402, 2123, 2831, 3640, 5589
*Pinus* 1408-1409, 4789, 7706
*Populus* 4948
*Pseudotsuga* 243, 5736
*Robinia* 1408-1409, 5738
*Salix* 6350
*Shorea* 7706
*Tectona* 7706
*Thuja* 5736
*Tsuga* 268, 5736
*Nyssa* 909
phosphorus 1408-1409, 1419, 2123, 2135, 2826, 2828-2829, 3212, 3608, 3976, 3978, 3998, 4942, 5736, 5753, 7706, 7729
*Picea* 1419, 3638, 5589, 5731, 7729
*Pinus* 806, 826, 1200, 2113, 3166, 3612, 5644, 7700, 7730
potassium 1408-1409, 2123, 2135, 2147, 2828-2829, 3212, 3608, 3612, 3946, 3976, 3978, 3998, 4942, 5736, 7706, 7729
*Pseudotsuga* 5736
*Quercus* 909, 2134, 2147, 5644
reviews 2826
*Rhizophora* 3659
simulation 780, 3004, 3613, 3972, 5715, 5753, 6350
sodium 2828-2829, 3608, 3946, 7729
soil 1399, 2804, 2828-2829, 2849, 2861, 3612, 3624, 3946, 5731, 5753, 6282, 7698, 7730
sulfur 243, 2826, 6349, 6917
*Taxodium* 909
technetium 3616
*Thuja* 5736
trees 1420, 2134, 2828-2829, 3004, 3208, 3612, 3998, 4280, 5731, 5738, 5752, 6048, 7730
*Tsuga* 5736
underwood 2828-2829, 3004, 5738, 5752
zinc 806, 2147, 2837, 5743
***Cyclophragma undans*** 4480
***Cydia*** 5939
***Cydia fagiglandana*** 4362
***Cydia latiferreana*** 5938
***Cydia pactolana*** 5939
***Cydia strobilella*** 525, 8047
***Cydia toreuta*** 3372, 7201
***Cylindrocarpon*** 7059, 7998
***Cylindrocarpon destructans*** (*see Nectria radicicola*)
***Cylindrocladium floridanum*** 4763
***Cylindrocladium scoparium*** 2395, 4449
***Cylindrosporium quercus*** 6520
**Cynipidae** 5958, 7243
***Cynips divisa*** 6571
**Cyprus**
atmosphere 232
**Cyprus** *cont.*
dendrochronology 232
dendroclimatology 232
***Cytilus sericeus*** 8021
***Cytisus monspessulanus***
synecology 5341
wildlife 5341
**Cytology** 262, 310, 320, 784, 917-920, 922, 1469, 1472, 1482, 1485, 2115, 2148, 2211, 2251, 2360, 2781, 2808, 2877, 2939, 2953, 2961, 2964, 3684-3685, 3778, 4089, 4346, 4629, 5024, 5027, 5480, 5787, 6402, 6444, 7885, 7917
(*see also* Chromosomes; Pollen, cytology)
books 575
***Cyzenis albicans*** 7206
**Czechoslovakia**
*Abies alba* 3465, 4161, 4192, 4199, 4853, 5638
*Abies grandis* 4070, 7461
air pollution 270, 848, 1431, 3642, 4188, 4285-4286, 5804, 7558, 7737-7738
allelopathy 5225
assortments 4196
bark beetles 5804
*Betula alba* 4147, 4188, 5638
biomass 742, 2050-2051, 4857, 6127
birds 1000
bottomland forests 5705
*Buxus* 4498
*Carpinus betulus* 5638
*Castanea sativa* 2056, 4419, 6127
cleaning 3465
clear felling 808
Coleoptera 2436
computer techniques 7420
*Crataegus* 3778
damage 4978
dams 5705
deer 5995
dormancy 3749
dunes 2317
erosion 4291
evapotranspiration 795, 2487, 3582
*Fagus sylvatica* 952, 3465, 4192, 4196, 4806, 4853, 5603, 5613, 5637-5638, 5648, 5684, 5702, 5845, 7887
fertilizers 3601
flooding 7718
foliage 848
forest administration 4245
forest influences 795
forest litter 808, 4262
forest management 7420
forest recreation 566, 4562, 5425, 5995, 6066
*Fraxinus* 5638
*Fraxinus excelsior* 4844
frost injury 3577
fungal diseases 5804
groundwater 5804
humus 808
*Hylobius abietis* 2435
ice damage 5804
insect pests 7180
*Juglans nigra* 4200, 6127
*Larix* 4806, 5638
*Larix decidua* 4161, 7972
*Larix decidua* × *L. gmelinii* 7972
*Larix eurolepis* 7972
logging 4978
*Loranthus europaeus* 1648, 3061
*Lymantria dispar* 5804, 5972
*Lymantria monacha* 2464
mixtures 2056, 3465, 4161, 4200
*Monarthropalpus buxi* 4498
natural regeneration 4769
nature conservation 1000, 5845
ornamental woody plants 4358, 7180
phenology 2350
*Phthorophloeus spinulosus* 1666
*Picea abies* 2833, 3402, 3465, 3642, 4147, 4150, 4161, 4187, 4192, 4197, 4199, 4207, 4414, 4806, 5638, 5648, 6423, 7606, 7738
*Pinus mugo* 7737
*Pinus sylvestris* 4197, 5225, 5636, 5638, 5648, 5855, 7221, 7607
plant succession 2317
**Czechoslovakia** *cont.*
*Populus* 5638
*Populus* 'I-214' 5520
*Populus* 'Lux' 5520
*Populus* 'NE-367' 5520
*Populus* 'Rap 1658' 5520
*Populus tremula* 5638
provenance 2350, 3402, 4070, 7461
*Pseudotsuga menziesii* 4159
*Pyrrhocoris apterus* 3077
*Quercus* 2487, 3789, 4196, 5638, 5648, 5944
*Quercus cerris* 895, 1431, 5225
*Quercus dalechampii* 2436
*Quercus robur* 1416, 1431, 4192
*Quercus rubra* 4198, 4200, 6127
remote sensing 5684
roads 3548, 4291, 7638
*Robinia pseudoacacia* 4857, 5225
robots 5622
*Salix* 7718
*Salix cinerea* 742
*Salix pentandra* 742
salvage felling and logging 4286
seeds 3749
site types 3789, 7558
skidding 4291, 4978
snow 4769, 5804, 7558
snow damage 5702
soil biology 3601, 4269
soil chemistry 3601, 7738
soil compaction 4291
soil fauna 4933
soil types 4398
soil water 795, 3582, 5705
stand characteristics 952
standards 1151
*Stenolechia gemmella* 5944
street trees 7180
synecology 1000
tending 7558
thinning 5600
*Thysanophora penicillioides* 4262
*Tomicus piniperda* 7221
tree breeding 7969
*Ulmus* 5638
urban forestry 6639
vegetation types 407, 1000, 4398, 4853, 5600, 5845
virgin forests 2292
wildlife 5804
wind 4769
wind damage 5804, 7558
woody plants 6639
***Dacridiumites mawsonii***
resins 3715
terpenoids 3715
***Dacrycarpus***
foliage 4367
taxonomy 4367-4368
***Dacrycarpus dacrydioides***
fruit 6990
mortality 6783
natural regeneration 6783
plant morphology 6395
seedlings 6395
shoots 6395
silvicultural systems 6783
taxonomy 6395
***Dacrydium***
foliage 4367
palaeoecology 402
taxonomy 4367-4368
***Dacrydium cupressinum***
mortality 6783
natural regeneration 1970, 6783
palaeoecology 402
plant morphology 6395
seedlings 6395
shoots 6395
silvicultural systems 6783
taxonomy 6395
***Dacryodes costata***, seedlings 3785
***Dacryodes edulis***
wood anatomy 309
wood chemistry 309
***Dacryodes excelsa***
stemflow 4530
throughfall 4530
***Dacryodes rugosa***, seedlings 2278

***Dadoxylon taiyuanensis,*** wood anatomy 969
***Daemonorops,*** plant anatomy 2890
***Daemonorops jenkinsiana,*** insect pests, *Ommatolampes* 5956
***Daemonorops verticillaris,*** keys 3784
***Dalbergia***
keys 7830
plant morphology 7830
wood anatomy 7830
***Dalbergia lanceolaria,*** flavonoids 2945
***Dalbergia latifolia***
foliage 2260
optical properties 2260
plant nutrition 2138
reviews 1454
seedlings 2138
synecology 7094
tissue culture 77
***Dalbergia louvelii***
keys 7830
plant morphology 7830
wood anatomy 7830
***Dalbergia maritima***
keys 7830
plant morphology 7830
wood anatomy 7830
***Dalbergia monetaria***
bark 7029
flavonoids 7029
medicinal plants 7029
***Dalbergia nigra***
plant physiology 1568
reviews 1454
roots 1568
***Dalbergia odorifera***
nitrogen fixing trees 5873
root nodules 3042, 5873
***Dalbergia oliveri***
insect pests 2418
seeds 2418
***Dalbergia sissoo***
agroforestry 1739, 2546
air pollution 1429
alkaline soils 5781
allelopathy 7959
browse 1691, 5983
choice of species 6716
foliage 1429
frost resistance 7676
fuel plantations 51
fungal diseases
*Cladosporium* 5284
*Uredo* 5284
India, Uttar Pradesh 6005
nitrogen fixation 5250
nurseries 1267, 5343
plant composition 1429, 5983
plant succession 4709
plantations 6716
planting stock 1267
reclamation 1713
root nodules 5250
root systems 5781
saline soils 5781
seed germination 4709, 5544, 7959
seeds 372, 5544
species trials 51, 4694, 6132
symbiosis 5250
tissue culture 4729, 5553
tree breeding 1606
vegetative propagation 1606
volume tables 2042
water stress 4709
weeds 7959
weight tables 2042
***Dalbergia violacea,*** phenology 3672
***Dalea bicolor,*** mycorrhizas 5875
***Dama dama*** 1289
**Damping off** 493, 1631, 2387, 2405, 3404, 6513, 6771, 7169, 7171, 7998
**Dams** 4399, 4529, 5705, 5997, 7318
**Dangerous trees** 1796
***Daniellia oliveri,*** natural regeneration 3932
***Dasineura rachiphaga*** 4470
***Dasyprocta punctata*** 5127
***Dasyscypha willkommii*** (*see Trichoscyphella willkommii)*
**Data processing**
agroforestry 1766
**Data processing** *cont.*
Belgium 4640
Canada 1188, 4644
computer techniques 4603, 4637-4646, 6684-6685, 6882
conferences 4603
forest inventories 211, 4218, 4228-4229, 6882, 6892
forest management 3541, 4221, 6286, 6299, 6880
France 4638
fungal diseases 1188
growth models 4639, 4873
increment 6683-6685
India, Karnataka 4639
insect pests 1188
marking 6880
mechanization 5501
natural regeneration 5489
New Zealand 4637, 6851
*Pinus radiata* 6851
remote sensing 4526, 7422
site types 7632
UK 4641
USA 4644
***Datura metel***
mine spoil 553
mined land 553
reclamation 553
***Davidia involucrata***
ornamental woody plants 3236
seed germination 3236
seed treatment 3236
stand characteristics 416
vegetation types 416
**Dead trees** 539, 1330, 2480, 4948
**Dead wood** 1788
**Decay** (*see also* Root and butt rots)
assessment 479, 6207, 6514
biology 4424
detection 1054
methodology 6514
pests 8058
resistance 444
trees 479, 4424, 6207
wood chemistry 5066
wood properties 1434-1435
wounds 2163, 4979
**Decay fungi** (*see also Armillaria mellea; Heterobasidion annosum)*
biology 4434
control 4448
culture techniques 1638
damage 4430
ecology 4424, 5865, 5889, 5891, 8004
identification 5865
pests 1674, 8004
physiology 1638
plant physiology 1638, 4430
succession 2104, 3866
wounds 2343
**Decayed wood,** fauna 1788
**Deer**
Argentina 1289
biology 1085, 2470-2471, 5995, 8097
computer techniques 4040, 4526
control 5364
damage 541, 1091, 1979, 2469, 2876, 3049, 3162, 5340, 5348, 5365, 5994, 6001, 6591-6592, 6599
ecology 543, 694, 1089, 1091, 1097, 1289, 2471, 4526, 5358, 5994, 6592, 8101
economics 8105
Finland 6599
German Federal Republic 5996, 6591, 7449, 8107
history 543, 4662
Hungary 8097
Italy 5348
Japan 8101
management 542, 1086, 5348, 5755, 5995, 6036-6039, 6591, 6598, 8102, 8105
methodology 602
New Zealand 5364, 6036-6039
prevention 2677, 5996, 5999-6000
research 7449
Romania 5994
Sweden 5365
**Deer** *cont.*
USA
Alaska 5363
Arizona 4662
USSR 543
Yugoslavia 5340
**Defoliants** 2561
**Defoliation** 272, 691, 929, 2169, 2297, 2416-2417, 2561, 3485, 4360, 4444, 4476, 4514, 5088, 5312, 5748, 5767, 5805, 5942, 6090, 7179, 7759, 7897-7898, 8038
reviews 3063
**Deforestation** 4557
Africa 1730, 4891, 6027
Asia 3962
Azores 558
books 3250, 5450
Brazil 204, 4541, 4998, 5385, 5388
Burkina Faso 3551
Central America 801, 3552
Christmas Island 4542
Cook Islands 3991
Costa Rica 5382, 7785
Developing Countries 3552
economics 1730, 6025
Europe 4047
Fiji 3991
Haiti 4679
history 4663
India 4518, 6024
Haryana 3957
Himachal Pradesh 7330
Maharashtra 5386
Uttar Pradesh 3326, 7308
Ivory Coast 1846, 8129
Malaysia 8130
Nauru 3991
Nepal 3185, 4051, 5450, 6025
Nigeria 3325
Papua New Guinea 3991
Peru 8128, 8152
Philippines 1851, 6026
Poland 4289
Polynesia 3991
reviews 5382
Romania 6008
Sahel 6027
Sierra Leone 4555, 7321
simulation 4541
Somalia 3220, 6079, 6620
South East Asia 3250
Sudan 3318
Thailand 1731
Tonga 3991
Tropics 204, 770, 1729, 2531, 3250, 3969, 4458, 5387, 7329
USA, New York 4663
West Africa 3552
Zambia 3963
***Degeneria,*** phylogeny 2886
***Degeneria roseiflora***
bark 2886
wood anatomy 2886
***Degeneria vitiensis,*** wood anatomy 2886
**Degraded forests** 1851, 2289, 5676, 6291, 7521, 7680
***Dehaasia triandra***
alkaloids 2920
foliage 2920
***Deherainia cubensis,*** increment 7621
***Delonix regia***
agroforestry 6056
green manures 6056
plant composition 6411
seed germination 1904
seeds 6411
street trees 5433
**Delphacidae** 3083
***Dendrocalamus,*** shoot cuttings 2030
***Dendrocalamus asper***
silviculture 3487
vegetative propagation 3487
***Dendrocalamus bambusoides,*** taxonomy 2979
***Dendrocalamus brindisii,*** seeds 6735
***Dendrocalamus hamiltonii***
chromosomes 2360
cycling 1783
foliage 3671

***Dendrocalamus hamiltonii*** *cont.*
insect pests
Noctuidae 500
*Pareuplexia* 500
keys 2217
phenology 3671
plant anatomy 2217
plant succession 1783
***Dendrocalamus hookeri***
chromosomes 2360
cytology 2360
***Dendrocalamus latiflorus,*** economics 716
***Dendrocalamus membranaceus,*** vegetation types 3010
***Dendrocalamus peculiaris,*** vegetation types 3010
***Dendrocalamus semiscandens,*** vegetation types 3010
***Dendrocalamus strictus***
growth 719
growth regulators 1954
India, Uttar Pradesh 6005
nurseries 1954
seed germination 6144
seed treatment 6144
seeds 6144
species trials 4694, 6132
vegetative propagation 718
**Dendrochronology** 570, 1803
*Abies* 1801, 4019, 8180-8181
*Agathis* (Araucariaceae) 572
*Andira* 7633
Australia, New South Wales 873
Brazil 5026, 6073, 6651
Canada 5446
Alberta 4255
Quebec 1697
*Carapa* 7633
*Caryocar* 7633
*Castanea* 5444
*Cedrus* 4576
*Chamaecyparis* 1802
Costa Rica 6073
*Cryptomeria* 1801
Cyprus 232
*Dicorynia* 7633
*Eucalyptus* 873
Europe 4569-4570
*Fagus* 571
France 4019, 4572
French Guiana 7633
German Federal Republic 4019, 6073, 8180-8181
*Goupia* 7633
Irish Republic 571
Israel 5443
Italy 4019, 4573, 5445, 5447
*Jacaranda* 7633
Japan 1802
*Larix* 4019, 4573, 5172, 5316, 5443
methodology 4576, 8181
Morocco 4576
New Zealand 572
*Ocotea* 7633
*Picea* 4019, 4255, 4305, 5172, 5443, 8180-8181
*Pinus* 2564-2565, 4019, 4255, 5172, 5443, 5839, 8179
Poland 4571
*Pseudotsuga* 2564
*Quassia* 7633
*Quercus* 4571-4572, 5447, 8184
reviews 2566
Spain 2565
statistical methods 8183
Switzerland 232, 4019, 5172, 5316, 5442, 5444
*Symphonia* 7633
*Tabebuia* 5026
*Taxodium* 5445, 8184
UK 5839
USA 5446
Alaska 4305
Arkansas 8184
California 2564
Colorado 232
Oregon 2564
Wyoming 2564
Venezuela 6073
*Virola* 7633
**Dendroclimatology** 232, 552, 572, 1140, 2565, 2967, 4567-4570, 4574, 5073, 5445, 6072, 8179, 8182-8183
reviews 2566
***Dendroctonus*** 2390
***Dendroctonus brevicomis*** 1679, 8017
***Dendroctonus frontalis*** 1071, 1634, 3106, 4559, 5081, 5275, 5322, 7234
***Dendroctonus micans*** 3124, 4489
***Dendroctonus obesus*** (*see Dendroctonus rufipennis)*
***Dendroctonus ponderosae*** 527, 772, 1684, 2187, 2434, 2456, 3114, 3119, 4492, 5323, 7402, 8065, 8081-8082
***Dendroctonus pseudotsugae*** 1684, 4487, 5948, 8087
***Dendroctonus rufipennis*** 512, 1683-1684, 3145, 3147, 5199, 5321, 8065
***Dendroctonus simplex*** 6562
***Dendroctonus valens*** 8017
***Dendrolimus*** 2461
***Dendrolimus pini*** 3891, 7250, 7255
***Dendrolimus punctatus*** 504-505, 2462, 4475-4476, 5308, 6546, 6559
***Dendrolimus sibiricus*** 3891, 7226
***Dendrolimus spectabilis*** 5309, 7210
***Dendrolimus superans*** 7210
***Dendrolimus tabulaeformis*** 5332, 7210, 7212
**Dendrology** (*see* Silvicultural characters)
***Dendromecon,*** wood anatomy 326
**Dendrometers** (*see also* Angle count; Diameter, measurement; Height, measurement; Mensuration; Relascopes)
***Dendropanax arboreus,*** wood anatomy 333
***Dendrophthoe falcata*** 2034, 5267
**Denmark**
air pollution 3621, 7750-7751
Christmas trees 1857
*Ips typographus* 8063, 8066
landscape ecology 974, 978
palaeoecology 974, 978
*Picea abies* 1857, 8066
provenance 1857
soil chemistry 2099
soil types 2099
yield tables 2062
**Density of stands** (*see* Stand characteristics, density)
***Deplanchea speciosa,*** glycosides 3707
***Deptoshaeria gmelinae*** 7999
***Descolea maculata*** 5879-5880
**Desertification** 557
Africa 5454
books 5454
conferences 1161, 6079
control 6620, 7314
Somalia 6079, 6620
Tropics 5454
USSR, Kazakh SSR 3011
**Deserts** (*see* Arid regions)
***Desfontainia spinosa,*** frost resistance 4252
***Desmanthus virgatus,*** fertilizers 3387
***Desmodium ovalifolium,*** agroforestry 1734, 3206
***Deutzia,*** insect pests, *Pulvinaria* 3082
***Deutzia rosea,*** pollen 4358
**Developing Countries**
agroforestry 3960, 3999, 4650, 5393, 7349, 8136
biotechnology 29
deforestation 3552
economics 3291, 7388
farm forestry 1381
fodder 3960
forest management 3552
forestry 29, 3291, 4650, 8136
forestry development 597, 7388
fuelwood 3960
genetics 2597
international cooperation 3999
minor forest products 3960
multipurpose trees 2597
nature conservation 6063
pulpwood production 7582
remote sensing 3552
research 2597, 7451
rural economy 1381, 7388
social forestry 597, 3323, 4650
sustainable land use 1841, 7451
**Developing Countries** *cont.*
tree breeding 2597
vegetation 3552
**Development** (*see* Forest policy; Forestry development)
**Diameter**
equations 730, 1333, 2039, 3494, 4187, 4833, 5638, 5641
estimation 730, 1333, 4833, 7615
stumps 3494, 3496
measurement 2038, 4185, 7611
simulation 2040, 6273, 7415
statistical methods 3496, 7615
variation 726, 736, 1333, 3524, 4187, 4191, 4833, 5639, 6273, 6386
***Diaporthe conorum*** 1632
***Diaporthe eres*** 2392
***Dibrachys*** 1675
***Dicentra,*** wood anatomy 326
***Dichelonyx vicina*** 8061
***Dichocrocis punctiferalis*** 1660
***Dichrostachys,*** rangelands 3158
***Dichrostachys cinerea,*** seeds 1900
***Dichrostachys glomerata***
root nodules 5256
symbiosis 5256
***Dichrostachys nutans***
afforestation 8109
dunes 8109
erosion control 8109
reclamation 8109
***Dicorynia guianensis***
dendrochronology 7633
growth rings 7633
increment 7633
**Dictionaries** 7393
***Didymopanax macrocarpum,*** phenology 3672
***Didymopanax morototoni,*** species trials 3347, 6712
***Didymosphaeria enalia*** 3589
**Dieback** 365, 5118
*Abies* 237, 289, 600, 843, 925, 1437, 1577, 2766, 2967, 3609, 3631, 3756, 4019, 4886, 4954, 5796, 5805, 5809, 5812, 7755, 7759, 7897, 7899-7900
*Acer* 366, 2834, 2966, 3759
*Agathis* (Araucariaceae) 3870
*Albizia* 3863
*Alnus* 5103
*Aningeria* 5105
Australia, Victoria 2912
Austria 2447, 4351, 7449
Belgium 7060
Berlin 5117
*Betula* 3637
bibliographies 7390-7391
books 5456
Canada
New Brunswick 7899
Quebec 2834, 3759
*Castanea* 4954
*Celtis* 5105
*Chamaecyparis* 1632, 5115
computer techniques 6100
conferences 3271, 4615
*Cryptomeria* 1632
*Cupressus* 4954
economics 2585, 6115, 6309
*Eucalyptus* 2912, 4636
Europe 367, 3609, 3761, 4288, 5682, 7894
*Fagus* 838, 927, 929, 1646, 1840, 2169, 2841, 3617, 3650-3651, 4294, 4954, 5103, 5114, 5748, 5810, 6431, 7895
France 3756, 4019
*Fraxinus* 4954
German Democratic Republic 927, 4965, 6346, 6430
German Federal Republic 457, 593, 929, 1428, 1937-1938, 2585, 2766, 2839, 2841, 3235, 3611, 3630, 4019, 4163, 4353, 4980, 5116, 5806-5809, 6100, 6103, 6309, 6428-6429, 7449, 7755, 7757, 7890-7893, 7899
Hungary 5103, 6433
Iran 5813
Irish Republic 5109

**Dieback** *cont.*
Italy 4019, 4352, 4886, 7058
Japan 1632
*Larix* 4019
*Leucaena* 8008
*Lovoa* 5105
Luxembourg 7060
methodology 838, 843, 1377-1378, 1426, 1831, 5110, 5481, 7895-7897
*Metrosideros* 5111, 7080
*Mimusops* 5105
Nepal 5814
*Newtonia* 5105
North America 3611
Norway 6359
*Picea* 237, 289, 363-364, 367, 457, 593, 839-841, 843, 925-927, 1378, 1427, 1437, 1576, 1578, 1840, 1937, 2243, 2765-2766, 2839, 2841, 2877, 3609, 3631, 3757-3758, 4019, 4163, 4284, 4353, 4886, 4965, 5104, 5109, 5112, 5114, 5116, 5456, 5556, 5805-5806, 5809, 5811, 6346, 6428-6431, 6957, 7755, 7757, 7759, 7890-7892, 7896-7897, 7899
*Pinus* 843, 927, 1840, 2841, 2966, 3626, 3631, 3649, 3869, 4019, 5109, 5113-5114, 5117, 5119, 5809, 5814, 6433, 7058, 7899
*Platanus* 5813
Poland 6957, 7398, 7900
*Populus* 5103
*Pseudotsuga* 1840, 1938, 2841
*Quercus* 1840, 2447, 2841, 2966, 4954, 4980, 5103, 5114, 5262, 5707, 7058
research 7449
reviews 2839, 2968, 3609, 3630, 3639, 4352, 5806, 7894
*Robinia* 5103
Romania 5812
*Salix* 5103
simulation 2582, 2841, 3756, 4288, 4636, 6100
statistical methods 593, 2582, 6431
Sweden 5104, 6359
Switzerland 843, 1366, 2141, 4003, 4019, 5112-5113, 6106, 6431-6432, 7449
theory 928
*Tilia* 4954
*Tsuga* 7899
Uganda 5105
UK 5114
USA
Hawaii 5111
Maine 7899
Massachusetts 7899
New Hampshire 3757
New York 3757, 7899
Vermont 3757
Yugoslavia 4954
***Diegodendron humbertii,*** wood anatomy 324
***Dillenia pentagyna,*** wood anatomy 1467
***Dinochloa darvelana,*** taxonomy 1591
***Dinotiscus*** 3107
***Dioryctria*** 2390, 2429, 8041
***Dioryctria abietella*** 507
***Dioryctria abietivorella*** 6587, 8047, 8084
***Dioryctria amatella*** 2419
***Dioryctria horneana*** 7970, 8009
***Dioryctria reniculelloides*** 69, 4470
***Dioryctria rubella*** 506, 519
***Dioryctria sylvestrella*** 7205
***Diospyros***
distribution 980
maps 980
***Diospyros celebica***
natural regeneration 7947
stand characteristics 7947
synecology 7947
***Diospyros diepenhorstii,*** flavonoids 7020
***Diospyros kaki***
edible species 7600
galls 3892
insect pests, *Ponticulothrips* 3892
***Diospyros kirkii***
browse 6601
***Diospyros kirkii*** *cont.*
elephants 6601
***Diospyros melanoxylon,*** fungal diseases, *Pestalotiopsis* 6518
***Diospyros morrisiana***
medicinal plants 7011
terpenoids 7011
***Diospyros virginiana,*** insect pests, *Prionoxystus* 3902
***Dipholis salicifolia,*** increment 7621
***Diphyllaphis mordwilkoi*** 8032
***Diphysa robinioides***
agroforestry 560, 3977
shade trees 3977
***Diplodia pinea*** 3047, 3869, 5895
**Diplopoda** 7716
***Diprion pini*** 7250
***Diprion similis*** 3127
**Diptera,** bibliographies 7
**Dipterocarpaceae**
agroforestry 3542
genetic resources 2351
improvement fellings 698
liberation felling 698
logging 3542
mycorrhizas 7992
natural regeneration 1971-1973
Philippines 1987
research 2351
seedlings 7824-7825
silvicultural systems 698
silviculture 1987
stand characteristics 698
***Dipterocarpus***
silviculture 4172
vegetation types 4172
***Dipterocarpus alatus***
flowers 2266
insect pests 2418
seeds 2418
***Dipterocarpus caudatus,*** seedlings 7824
***Dipterocarpus caudiferus,*** seedlings 2278
***Dipterocarpus cornutus***
natural regeneration 7536
seedlings 2278
synecology 2294
***Dipterocarpus crinitus***
crown 3675
seedlings 7825
stem form 3675
***Dipterocarpus gracilis,*** seedlings 2278
***Dipterocarpus indicus,*** wood anatomy 1467
***Dipterocarpus intricatus***
insect pests 2418
seeds 2418
***Dipterocarpus kerrii***
essential oils 7852
resin tapping 7852
resins 7852
terpenoids 7033
***Dipterocarpus kunstleri***
natural regeneration 1287
seedlings 7824
synecology 1287
***Dipterocarpus retusus***
planting stock 1986
seedlings 7824
***Dipterocarpus verrucosus,*** seedlings 3785, 7824
***Dipteryx alata***
genetics 616
increment 3334
provenance 616
stem form 3334
***Dipteryx odorata***
coumarins 2922
essential oils 2922
seed germination 7493
seed treatment 7493
seeds 2922
terpenoids 2922
***Dipteryx panamensis***
light 2255
mortality 5366
natural regeneration 1969
photosynthesis 2255
plant succession 2255
seedlings 2255
**Direct sowing**
aerial methods 4139, 6223
**Direct sowing** *cont.*
competition 6981, 7538
economics 119, 2673
fertilizers 150, 7538
machinery 2698, 6258
mulching 1295, 6796
protection 1291, 1298
seasons 4774, 6790, 6796-6797
seedbeds 1295, 4773
site preparation 150, 2673, 2698, 4774, 6220, 6223
statistical methods 4773
vs. planting 119, 150, 4705
weed control 7538
work study 2673
**Directories** 3307, 3374
***Dirphia araucariae*** 3084, 3899
***Discaria trinervis***
precipitation 4904
temperature 4904
**Discoloration,** wood 320, 444, 1434-1435, 1646, 2169, 2343, 4323, 4977, 5748, 5909
***Discula*** 5288, 7161, 7165
**Diseases**
books 3252, 6661, 7142
computer techniques 4648
control 1681, 2401, 7170
damage 1651, 3252, 7181
distribution 3046, 7181
forecasting 1651
methodology 1651
periodicals 3249
resistance 494, 800
reviews 6661
surveys 5264
thinning 3867
**Diseases, occupational** (*see* Health)
***Disepalum,*** taxonomy 5154
**Distribution**
*Abies* 965, 1456, 3799
*Acacia* 6991
*Alnus* 3000
*Atherosperma* 6908
*Athrotaxis* 6908
*Baliospermum* 5828
*Betula* 315
*Brachychiton* 1583
*Calamus* 2284, 2712, 3670
*Castanopsis* 5829
*Cathaya* 3799
*Ceriops* 984
*Coccoloba* 7074
*Crataegus* 3778, 3849, 7931
*Crateva* 887
*Croton* 5828
*Cyathea* 3773
Cyatheaceae 3773
*Diospyros* 980
*Eperua* 7807
*Eucalyptus* 1587, 5243, 7072
*Eucryphia* 6908
*Eusideroxylon* 3227
*Fagus* 3001, 6463
*Ficus* 380, 6374
*Gonystylus* 2196
*Hevea* 5828
*Juniperus* 5178-5179
*Keteleeria* 3799
*Lagarostrobus* 6908
*Larix* 3799
Leguminosae 6457
*Leucaena* 7114
*Libocedrus* 6393-6394
*Litsea* 5177
mangroves 981, 4385
*Michelia* 2013
*Morisonia* 887
*Nothofagus* 5802, 6466, 6908
*Phyllocladus* 6908
*Phyllostachys* 3797
*Picea* 3799
Pinaceae 3799
*Pinus* 404, 1321, 3799, 3929, 5178, 6465
*Populus* 3800
*Pseudolarix* 3799
*Pseudotsuga* 3799
*Pterocarpus* 980
*Quercus* 3789, 7930
reviews 404

**Distribution** *cont.*
*Rhizophora* 5148
*Salix* 7082
*Tilia* 979
*Trigonostemon* 5828
*Tsuga* 3799
**Ditches** 2674, 4141
***Ditylenchus*** 8072
**Djibouti**
arboreta 3221
botanical gardens 3221
forestry development 6112
genetic resources 6112
national parks 3221
nature conservation 3221
seeds 6112
tree breeding 6112
***Dobera glabra***
seed germination 6741
seed treatment 6741
**Documentation** (*see* Information services)
***Dodonaea viscosa***
seed collection 6147
seed sources 6147
**Dominican Republic**
forest management 2529
forestry development 1183, 8167
*Gliricidia sepium* 3980
international cooperation 1183
*Pinus* 8167
*Pinus occidentalis* 2529
private forestry 1183
social forestry 8167
**Donaren disc trencher** 126, 4814
**Dormancy**
bibliographies 2575
buds 876, 2949, 3744, 3746, 5095, 6936, 7886
chemistry 2947
conferences 586
plant physiology 2092, 2949, 3355, 3746, 5720, 7044, 7480-7482
reviews 2621, 3355
seeds 65, 67, 586, 635, 1224, 1227, 1231, 1233, 1893, 2575, 2619, 2621, 2629, 3355, 3362, 3742, 3749, 4717, 6141, 6721, 6751-6752, 7480-7482, 7484
shoots 2947, 4346
simulation 876
theory 876
***Dothiorella*** 2392
***Dothistroma pini*** (*see Mycosphaerella pini*)
***Dracontomelon vitiense***
nurseries 4065
seed collection 4065
species trials 4065
***Dracophyllum secundum,*** mycorrhizas 7140
**Drainage** 1401, 2674, 2682-2683, 3500, 3594, 4141-4142, 4274, 4782, 4864, 5850, 6225, 6335, 6799, 7545, 7674
reviews 7300
***Drechslera*** 5599
**Dredgings** 1717
***Drepanopeziza populorum*** 2398
***Drepanopeziza punctiformis*** 7148, 8001
***Drepanostachyum luodianensis,*** taxonomy 1589
***Drepanostachyum melicoideum,*** taxonomy 1589
***Drepanostachyum naibunensis,*** taxonomy 1589
***Dreyfusia piceae*** 4559
***Drimys,*** wood anatomy 5032
***Drimys winteri***
natural regeneration 6476
seed production 6435
***Drosophila flavohirta*** 3918
**Drought** 259, 1672, 2873, 4484, 5073
**Drought injury** 2783, 5528, 5724, 5812, 6217
books 5456
**Drought resistance** 262, 447, 2118, 2122, 2788, 2817, 6137, 6939-6940
***Dryobalanops aromatica***
natural regeneration 1287
synecology 1287
***Dryobalanops beccarii,*** seedlings 7825
***Dryocoetes autographus*** 7227
***Dryocosmus kuriphilus*** 8068
***Drypetes***
chromosomes 7121
sex 7121
***Drypetes hieranensis,*** taxonomy 381
***Drypetes karapinensis,*** taxonomy 381
***Drypetes littoralis,*** taxonomy 381
***Drypetes longipes,*** China 378
***Drypetes roxburghii***
chromosomes 7121
insect pests, *Lohita* 5304
sex 7121
synecology 5183
***Ducampopinus krempfii*** (*see Pinus krempfii*)
**Dunes** 256, 408, 425, 735-736, 1400, 1408, 2170, 2317, 2492-2494, 2517-2518, 3170, 3790, 3948, 3950, 7131, 7781, 8124
books 2521
***Durio,*** fruit 6269
***Durio zibethinus***
shade trees 8131
underplanting 1989
***Dynaspidiotus britannicus*** 3078
***Dynastes granti*** 5952
***Dysdercus cingulatus*** 8030
***Dysoxylum richii***
foliage 1494
limonoids 1494
medicinal plants 1494
***Dysoxylum spectabile,*** light 2094
**Earlywood** 2852, 2888, 3646, 5026, 5750
**Earthquakes** 4305
**Eccentricity, stem** (*see* Stem form, eccentricities)
**Ecology** (*see* Autecology; Forest ecology; Plant succession; Synecology)
**Economics**
agroforestry 1122, 1124, 1162, 1735-1736, 1762-1763, 1768, 1791, 2545, 2547, 2769, 3181, 3195, 3202, 3205, 3214, 3216, 3324, 3964, 3987-3988, 5484-5485, 5598, 5691, 6033, 6040, 6054, 6627, 6636, 7328, 7333, 7345, 7347, 7395, 8126, 8135-8137, 8139-8141, 8151, 8155, 8158
Austria 5492, 7669
bibliographies 7388
books 1808, 4012
Brazil 2768-2769
Canada, Alberta 6019
China, Zhejiang 2770
computer techniques 2585, 4039
conferences 5461
cost analysis 2763
damage 2766
Developing Countries 3291, 7388
Finland 6316
forecasting 755, 2693, 2766, 3247, 3567
forest management 151, 224, 227, 778, 1706, 1808, 2020, 2751, 2763-2764, 2768, 2771-2774, 3269, 3309, 3539, 3564-3565, 3568, 3570, 4238, 4673, 4847, 4868, 4893, 5461, 6310, 6315, 6696, 6881, 7669
forestry 1180
German Democratic Republic 2772, 4039, 4237, 6099, 6310
German Federal Republic 2766, 4657, 4673, 4894-4895, 5692-5693, 5695, 6309, 6312-6313, 7667-7668
history 4657
Hungary 3958, 5512
India 5493
Indonesia 2085
investment 224-225, 779, 1381-1382, 4238-4239, 4587, 4868, 6113, 6902, 7234
Ivory Coast 1846
Japan 229, 3305
Kenya 1180
logging 106, 229, 2768, 2774, 3269, 3539
machinery 779, 1383, 1386
Malaysia 3300
methodology 777, 1706, 3569, 6313
**Economics** *cont.*
multiple use 2526, 3269, 4563, 4657, 5383, 8178
Netherlands 2693, 2775, 3567, 4563
New Zealand 3569
politics 2767, 5695, 6115, 6307-6308, 6623
private forestry 226, 229, 556, 1149, 1385, 1807, 2530, 2572-2574, 2775, 3299-3300, 4243, 4890, 5695
profitability 222, 225-226, 778, 1382, 1985, 2768, 3247, 3567, 4237, 4244, 4649, 4657, 4890, 5691, 5694-5695, 6184-6185, 6312, 6314, 6316, 6622, 7295, 7668
research 230
silviculture 106, 119, 149, 222, 1384, 2673, 2693, 3567, 3570, 3958, 4895, 5691-5693, 6099, 6204, 6309, 7667
simulation 1812, 1846, 2020, 2323, 2526, 2772-2773, 3567, 4017, 4032, 4241, 4563, 5610, 6098
sociology 597, 1180, 1381, 2773, 3309
statistical methods 4239
Sweden 151
Switzerland 222, 5383
theory 224, 2767, 2774
Tropics 1382, 3568
USA 224-225, 1848, 4012, 4238-4239
Alabama 6098
Arkansas 4240
California 6098
Georgia 4240
Hawaii 39
Mississippi 4240
USSR 4658
vs. agriculture 151, 555, 1180, 1846, 3179, 5512, 6019, 6622-6623
Yugoslavia 4889, 6904
**Ecuador**
agroforestry 4550, 5384, 8141
*Aiphanes* 3782
*Aulonemia longiaristata* 6454
*Azteca constructor* 8023
*Cecropia obtusifolia* 8023
choice of species 6872
cloud forests 6632
farm forestry 5384, 6872, 8141
fuel plantations 6872
*Lecointea peruviana* 5153
national parks 3182
nature conservation 6632
*Pourouma napoensis* 5152
shade trees 5384
*Vismia schultesii* 6455
**Edible fungi** 4827, 6509, 6844-6845, 7600
**Edible species** 159, 2244, 3346, 3479, 3786, 6832-6833, 7039, 7484, 7588-7589, 7600, 7603, 7795, 7835, 8157
(*see also* Fruit, edible species; Nuts)
**Education** 31, 1174, 1179, 1190, 3256, 3316, 4045, 6117-6118, 6701, 6703, 7429
**Egypt**
*Acacia cyclops* 1867
*Acacia saligna* 1867
*Casuarina cunninghamiana* 1867
*Casuarina equisetifolia* 1867
*Casuarina glauca* 1867
choice of species 1867
*Eucalyptus camaldulensis* 1867
geology 7951
multipurpose trees 1867
ornamental woody plants 5021
street trees 1146
vegetation types 7951
***Ehretia tinifolia,*** increment 7621
***Ekebergia pterophylla***
limonoids 7873
seeds 7873
***Elaeagnus,*** root nodules 4427
***Elaeagnus angustifolia***
agroforestry 4546
fertilizers 1942
root nodules 1942
symbiosis 1942
***Elaeagnus commutata***
reclamation 5379
seed treatment 6746

***Elaeagnus pungens,*** shoot cuttings 1795
***Elaeagnus umbellata***
lime 3176
mine spoil 3176
plant nutrition 2124-2125
root nodules 2124
seed germination 637
seed treatment 637
symbiosis 1830, 2124-2125
***Elaeis guineensis,*** multipurpose trees 562
***Elaeocarpus dentatus***
mortality 6783
natural regeneration 6783
opossums 5344
silvicultural systems 6783
wood anatomy 2212
***Elaeocarpus glandulosus,*** synecology 7944
***Elaeocarpus hookerianus***
growth regulators 7883
juvenility 7883
wood anatomy 2212
***Elaeocarpus lanyuensis***
plant morphology 7069
taxonomy 7069
***Elaeocarpus serratus,*** vegetation types 2303
***Elaeocarpus tuberculatus,*** synecology 7944
***Elatobium abietinum*** 3151
**Electrical phenomena in trees** 1568, 1658, 4912, 5096, 5481, 5796, 8052
**Elephants** 2482-2483, 6003, 6601
***Elephas maximus*** 2482-2483
***Eligma narcissus*** 1066
***Elkinsia polymorpha,*** palaeobotany 971
***Embothrium coccineum***
nurseries 7476
seed germination 7476
seed treatment 7476
**Embryology** 354, 881, 1472-1473, 2205, 2213, 2221, 2267, 4330, 6401, 7479
**Empetraceae,** wood anatomy 2887
***Empetrum,*** wood anatomy 2887
***Empetrum nigrum***
nature conservation 8169
reclamation 5379
***Encarsia amicula*** 3079
***Encarsia aspidioticola*** 3078
***Encarsia berlesei*** 3081
***Encarsia citrina*** 3078
***Encephalartos***
alkanes 7859
foliage 7859
pollination 7911
reviews 7794
***Encephalartos aemulans,*** taxonomy 7075
***Encephalartos altensteinii***
cones 6439
seed dispersal 6439
***Encephalartos lebomboensis***
cones 6439
seed dispersal 6439
***Encephalartos voiensis,*** taxonomy 943
**Endangered species** 5243, 6246
***Endiandra,*** taxonomy 3772
***Endiandra monothyra,*** essential oils 5083
***Endocronartium harknessii*** 487, 2391, 3052, 3874, 4439-4440, 5277, 5279, 5281-5282, 5896
***Endospermum malaccense,*** seedlings 3785
***Endospermum medullosum***
silvicultural characters 3344
wind damage 4253
***Endospermum peltatum***
botany 3327
Philippines 3327
silvicultural characters 3327
silviculture 3327
**Energy consumption** 1278
**Energy relations** 1278, 2252, 2606, 4633, 4859, 5700, 6847
**Energy resources**
books 3
conferences 1156, 6083
Indonesia 5513
Italy 6708
Sri Lanka 2607
USA, Minnesota 4680
**Engineering** 4871
**Enrichment** (*see* Improvement planting)
***Entandrophragma candollei***
bark 5063
***Entandrophragma candollei cont.***
terpenoids 5063
***Entandrophragma excelsum***
improvement planting 4071
species trials 4071
***Enterococcus faecalis*** 3907
***Enterolobium cyclocarpum***
fodder 7467, 7595
foliage 7726
fuelwood 3331
Indonesia 3331
plant composition 7726
seed dispersal 1581
seed germination 1581
species trials 3331, 3347, 7467
***Enterolobium schomburgkii,*** evapotranspiration 6934
**Environmental protection** 5382, 5465
**Enzymes**
enzyme inhibitors 2955
fungi 2801, 4426
methodology 918, 1164
plants
*Abies* 5795
*Acacia* 1164
*Acer* 918, 921, 5795
*Betula* 6555
*Cedrus* 2341
*Cunninghamia* 5268
*Eucalyptus* 2136
*Larix* 7885
*Leucaena* 6426
Myrtaceae 4182
*Phyllostachys* 3740
*Picea* 357, 2955-2956, 3607, 3618, 5795, 6355, 6952
*Pinus* 2341, 2397, 2917, 2955, 2957, 3598, 3618, 3705, 3750, 5795, 6355, 6494, 6949, 7881, 7885
*Populus* 2398, 2960, 4103, 6761, 6949
*Prunus* 1936
*Quercus* 2957
*Santalum* 2259
*Swietenia* 2136
*Taxus* 7885
*Tectona* 2136
*Washingtonia* 6420
soil 2175, 4985, 6972, 7709, 7769
***Eotetranychus dissectus*** 5964
***Eotetranychus tiliarius*** 3920, 5965
***Eothenomys andersoni*** 7287
***Eperua falcata***
distribution 7807
epiphytes 3020
plant anatomy 7828
plant morphology 7828
wood anatomy 7807
wood properties 7807
***Eperua grandiflora***
distribution 7807
epiphytes 3020
plant anatomy 7828
plant morphology 7828
wood anatomy 7807
wood properties 7807
***Eperua rubiginosa***
distribution 7807
plant anatomy 7828
plant morphology 7828
wood anatomy 7807
wood properties 7807
***Ephedra***
bark 2885
roots 2885
wood anatomy 2885
***Ephesia nymphaea*** 1082
***Epiblema tedella*** (*see Epinotia tedella)*
***Epicerura pulverulenta*** 7196
**Epicormics** 877, 3377, 6235
**Epidermis** 16, 891, 1461, 2889, 4456, 4967, 5287, 5744, 7917
***Epinotia granitalis*** 7200
***Epinotia tedella*** 5939, 8043
**Epiphytes** 423, 1005, 1007, 1604, 2406, 3020, 4969, 5204
**Epson HX-20 microcomputer** 4641
***Eptesicus regulus*** 6595
***Eptesicus sagittula*** 6595
***Epuraea*** 7224
***Erannis defoliaria*** 4514
***Eremanthus erythropappus***
lactones 7834
wood chemistry 7834
***Eremophila clarkei***
glycosides 7021
tissue culture 7021
***Eremophila decipiens***
glycosides 7021
tissue culture 7021
***Eremophila denticulata***
glycosides 7021
tissue culture 7021
***Eremophila drummondii***
glycosides 7021
tissue culture 7021
***Eremophila glabra***
glycosides 7021
tissue culture 7021
***Eremophila viscida***
glycosides 7021
tissue culture 7021
**Ergonomics** 1196, 3970, 4018, 4062
**Ericaceae,** wood anatomy 5033
***Eriophyes fraxiniflora*** 6576
***Eriophyes tiliae*** 4503
***Eriotheca crassa,*** plant morphology 7831
***Eriotheca pubescens,*** phenology 3672
**Erosion** (*see also* Clear felling, erosion; Logging, erosion; Roads, erosion; Streams, erosion)
Austria 551, 4529
China 125
Fujian 5373
Guangdong 2538, 5392
control 2664
Ethiopia 4884
Finland 3168
French Guiana 8127
India
Himachal Pradesh 7330
Maharashtra 5386
West Bengal 2112
Indonesia 2664
Japan 2308
Kenya 1760
Korea Republic 3947
reviews 5375
Spain 5711
UK 3171
USA 3946
**Erosion control**
Africa 8138
Asia 8138
Australia, Queensland 3453
Canada, British Columbia 1106
China, Nei Menggu 6289
conferences 4022
economics 279
Ethiopia 1296
history 2494
India
Haryana 3957
Orissa 3174
Rajasthan 8109
Indonesia 6010
Jordan 676
Kenya 5754
Korea Republic 3022
New Zealand 7309
reviews 1780, 8138
Somalia 2492-2494, 2517-2518
Tanzania 6011
USA 4532
USSR
Azerbaidzhan SSR 3173
RSFSR 2862
woody plants 1207, 1780, 2492-2494, 2517, 2521, 3170, 3194, 4022, 4532, 5754, 6009-6011, 7309, 8109
Yemen Arab Republic 1207
***Ervatamia yunnanensis,*** plant composition 2910
***Erythrina***
agroforestry 560, 3975, 8153
fodder 4181, 4822
insect pests, *Terastia* 8040
shade trees 3975, 8153
support trees 4545

***Erythrina abyssinica***
agroforestry 3210
species trials 3210
***Erythrina arborescens***
plant succession 4709
root nodules 2365
seed germination 4709
shoot cuttings 5630
water stress 4709
***Erythrina berteroana***
agroforestry 3951
fences 3951
pruning 3951
vegetative propagation 3951
***Erythrina caffra***
biochemistry 6419
seed germination 6419
***Erythrina crista-galli***
nectar 7910
pollination 7910
sugars 7910
***Erythrina fusca***
ethnobotany 2017
multipurpose trees 2017
shade trees 1440-1441
***Erythrina indica***
agroforestry 1732
bark 317
foliage 2260
medicinal plants 317
optical properties 2260
roots 317
species trials 6132
***Erythrina lysistemon,*** fungal diseases, *Phyllactinia* 7160
***Erythrina poeppigiana***
agroforestry 1103, 3208, 3972, 3974, 3976-3977, 3981-3982, 3998, 6048, 7336, 8144
cycling 3208, 3972, 3976, 3998, 6048
forest influences 3208, 3976, 6048
hydrology 1103, 3208, 3998, 6048
shade trees 1420, 3972, 3974, 3976-3978, 6048, 7336, 8144
***Erythrina senegalensis***
root nodules 5256
symbiosis 5256
***Erythrina stricta***
bark 317
medicinal plants 317
roots 317
shoot cuttings 5630
wood anatomy 1467
***Erythrina suberosa***
bark 317
chemistry 2247
medicinal plants 317
roots 317
seeds 2247
***Erythroxylum zambesiacum***
bark 1551
plant composition 1551
***Eschweilera amara,*** plant morphology 7831
***Eschweilera fracta,*** evapotranspiration 6934
**Essential oils**
*Abies* 2941
*Amyris* 7022
*Angophora* 2226
*Aniba* 7018
*Beilschmiedia* 5083
*Cananga* 164
*Cinnamomum* 3691, 5054, 5083
*Cryptocarya* 5083
*Cunninghamia* 349
*Dipterocarpus* 7852
*Dipteryx* 2922
*Endiandra* 5083
*Eucalyptus* 346-347, 1527, 2232
*Juniperus* 6413
*Laurus* 5626
*Litsea* 5083
*Melaleuca* 4332, 7602
*Neolitsea* 5083
*Picea* 2941
*Pinus* 4027, 7849
*Pittosporum* 7844
*Pseudotsuga* 2941
*Santalum* 2259
*Syzygium* 5083
**Essential oils** *cont.*
*Zanthoxylum* 5791
**Ethiopia**
*Acacia cyanophylla* 1296
afforestation 7351
arboreta 3221
biomass 4884
botanical gardens 3221
browse 5337
*Casuarina equisetifolia* 1296
cooperatives 6288
*Cordeauxia edulis* 875
*Cupressus lusitanica* 1296
erosion 4884
erosion control 1296
*Erythrina* 4822
*Eucalyptus camaldulensis* 1296
*Eucalyptus globulus* 1296
fodder 4822, 5337
forest inventories 6288
forest management 6288
fuelwood 4884
genetic resources 4822
*Juniperus excelsa* 7486
land use 4884
national parks 3221
nature conservation 3221
remote sensing 4884
*Sesbania sesban* 4822
social forestry 7351
vegetation types 1296
**Ethnobotany** 2016-2017, 2034, 4826, 6829-6832, 7589, 7601, 7938, 8152
***Eucalyptus***
afforestation 1710
agroforestry 1722, 2549, 3196-3197, 3202, 3965, 6053, 8145, 8151
air pollution 2158
alkaline soils 5516
allelopathy 7103
Asia 1823
Australia 1822
autecology 2194
bacterial diseases 5902
birds 2480
Brazil 152
breeding programmes 2331
cambium 2215
charcoal 3566
Chiroptera 6595
choice of species 1823, 3196, 5516
clones 4129
coppice 1199
cycling 7706
dieback 4636
diseases 152
dunes 2493
early selection 4129
economics 227, 1382, 2771
energy consumption 1278
energy relations 1278
epidermis 891
erosion control 2493
fertilizers 798, 4750
foliage 816, 891, 2158, 5899, 7593
forest influences 6971
forest litter 4922, 7706
forest management 2771, 6288
forest recreation 1132
frost resistance 3353
fuel plantations 51, 227, 2606
fungal diseases 466
*Fairmaniella* 5899
*Harknessia* 5899
*Phaeoseptoria* 4443
genetic resources 6502
genetics 1823, 2194
green manures 7593
growth models 4036
hydrology 5211
increment 741
India, Uttar Pradesh 6005
insect pests 152, 466, 8024
*Glycaspis* 8031
Lepidoptera 3906
*Odontotermes* 3074
*Panesthia* 6575
*Phoracantha* 6578, 8051
Termitidae 7186
intensive silviculture 1278, 2662, 4129
irrigation 1278
***Eucalyptus*** *cont.*
juvenility 4129
marsupials 5346, 6596
Mediterranean Countries 3579
mycorrhizas 7992
nature conservation 3223
New Zealand 1822
nurseries 152, 1267, 1949, 4124
plant anatomy 2215
plant colonization 5211
plant nutrition 242, 798
plantations 4810
planting stock 1267
pollen 5130
Portugal 2662
pulpwood production 6792
rangelands 5984
reclamation 1713
remote sensing 774, 3550
reproductive behaviour 1224
rotations 3202
rural economy 7322
saline soils 5516
salt tolerance 3353
seed collection 6147
seed germination 1224, 1949
seed moisture 1224
seed sources 6147
seed treatment 1224, 1949
seeds 4124
shelterbelts 3197
silviculture 152, 1820
site class assessment 811
site preparation 1278
slash 2771
social forestry 2549
soil chemistry 242, 798, 3583, 4920, 6971, 7697
soil fertility 811
soil pollution 816
South Africa 1822, 5211
spacing 4805
Spain 2662
species trials 51, 620
stand characteristics 4805
stomata 891, 5023
street trees 2158
synecology 954
Tanzania 2331
taxes 741
taxonomy 891, 5023
temperature 954
Thailand 1731, 7322
thinning 4805
tree breeding 152, 1823, 4423
volume tables 4843
wood chemistry 2236
wood properties 2168
woody weeds 5211
***Eucalyptus acmenioides***
Brazil 620
wood anatomy 7820
***Eucalyptus alba***
fuel plantations 51
fuelwood 3331
Indonesia 3331
insect pests, *Trabala* 8037
plant water relations 6931
salt injury 6931
salt tolerance 6931
soil types 6931
species trials 51, 3330-3331
wood chemistry 4341
***Eucalyptus amplifolia***
biomass 6780
frost resistance 6780
intensive silviculture 6780
provenance 6780
USA, Florida 6502
***Eucalyptus amygdalina***
plant succession 1013
wildlife 1013
***Eucalyptus angulosa,*** salt tolerance 6930
***Eucalyptus apiculata,*** taxonomy 6450
***Eucalyptus approximans,*** taxonomy 6450
***Eucalyptus astringens,*** saline soils 678
***Eucalyptus australis***
foliage 5785
taxonomy 5785
***Eucalyptus baileyana,*** flowers 1470-1471

***Eucalyptus baxteri***
fruit 3065
insect pests 3065
Isoptera 5301
seeds 3065
***Eucalyptus brassiana***
provenance 3350
species trials 3350
***Eucalyptus brockwayi***
plant composition 253
salt tolerance 253
***Eucalyptus burgessiana,*** taxonomy 6450
***Eucalyptus caesia***
flowers 1470
gene flow 1015
***Eucalyptus calophylla***
controlled burning 6982
opossums 5352
***Eucalyptus camaldulensis***
agroforestry 4553, 6051, 7347
economics 226
essential oils 346
Ethiopia 1296
farm forestry 226
flooding 6336, 7298
forest influences 7338
frost resistance 3353
fuel plantations 51
fungal diseases 7145
genetics 910
height 4832
insect pests
Isoptera 8077
*Phoracantha* 3922
irrigation 4143
Malawi 2680
mined land 7316
multipurpose trees 1867, 3339
mycorrhizas 5251, 5878
Nematoda 517
nurseries 4755
photosynthesis 910
plant composition 253, 790
plant water relations 260, 819, 3604, 6931
planting 7544
planting stock 1277, 2680
provenance 617, 3330, 3350, 6128
pulpwood production 6792
reclamation 7316
roots 517, 790, 819, 3604
saline soils 678
salt injury 6931
salt tolerance 253, 3353, 3743, 6931
seed collection 6148
seed orchards 4422
seed sources 4422, 6148
seedlings 802, 3743
seeds 7145
selection criteria 4422
shelterbelts 7338
shoot cuttings 1247
site preparation 7544
soil chemistry 802, 7316
soil physics 790
soil types 6931
species trials 51, 3330, 3349-3350, 4691, 6128, 6132, 6713
stomata 260, 819, 3604
tissue culture 4727, 4729
transpiration 261
tree breeding 1606
USA, Florida 6502
Vanuatu 3339
variation 7979
vegetative propagation 1606
volume determination 4832
volume tables 2042
weight tables 2042
wood density 2853
***Eucalyptus camaldulensis* × *E. tereticornis,*** essential oils 346
***Eucalyptus camphora,*** USA, Florida 6502
***Eucalyptus centralis***
foliage 5785
taxonomy 5785
***Eucalyptus chippendalei***
foliage 5785
taxonomy 5785
***Eucalyptus citriodora***
agroforestry 4553
***Eucalyptus citriodora*** *cont.*
allelopathy 2172
Brazil 620
economics 778
forest influences 2172
fuel plantations 51
growing media 662
planting stock 1985
provenance 3336
seed germination 662
species trials 51
thinning 778
tissue culture 1985
wood density 2853
***Eucalyptus cladocalyx,*** fungal diseases, *Coniothyrium* 4443
***Eucalyptus cloeziana***
flowers 5028
insect pests, *Oxydia* 1063
planting stock 5722
provenance 617
water stress 5722
wood density 2853
***Eucalyptus connerensis***
foliage 5785
taxonomy 5785
***Eucalyptus crebra***
afforestation 1710
mined land 1710
reclamation 1710
saline soils 678
species trials 4691
***Eucalyptus cypellocarpa,*** wildlife 8103
***Eucalyptus dalrympleana***
seed orchards 4422
seed sources 4422
selection criteria 4422
***Eucalyptus decolor***
distribution 1587
taxonomy 1587
***Eucalyptus deglupta*** 2722
botany 3327
Central America 2611
cleaning 3469
Costa Rica 2611
growing media 7527
Guatemala 2611
hybrids 1040
increment 2611
insect pests, *Leucopholis* 3915
multipurpose trees 3339
Nicaragua 2611
Philippines 3327
plantations 853
seed collection 3366
seed sources 3366
seedlings 3915
silvicultural characters 3327
silviculture 3327, 3469
site class assessment 3529
site preparation 853
soil fertility 853
spacing 3461
species trials 6712
taungya 3992
tending 3469
thinning 3469
Vanuatu 3339
volume determination 3503, 4194
volume tables 3503
wood chemistry 4341
***Eucalyptus deglupta* × *E. pellita,*** progeny testing 1040
***Eucalyptus deglupta* × *E. urophylla,*** progeny testing 1040
***Eucalyptus delegatensis***
provenance 61
seeds 61
silvicultural systems 4127
***Eucalyptus dendromorpha,*** taxonomy 6450
***Eucalyptus dissimulata,*** taxonomy 7072
***Eucalyptus diversicolor***
mycorrhizas 5879-5880, 5884
soil chemistry 4261
variation 2347
***Eucalyptus dives***
natural regeneration 5220
plant succession 5220
silvicultural systems 5220
stand characteristics 5220
***Eucalyptus dunnii***
Brazil 620
flowering 2962, 2970
growth regulators 2962
NPK fertilizers 2962
provenance 617
***Eucalyptus ebbanoensis,*** flowers 1470-1471
***Eucalyptus elata,*** flowers 5028
***Eucalyptus eremaea***
foliage 5785
taxonomy 5785
***Eucalyptus erythrocorys,*** flowers 1471
***Eucalyptus eudesmioides,*** flowers 1471
***Eucalyptus fastigata***
fertilizers 4748
species trials 6713
taxonomy 6450
wildlife 8103
***Eucalyptus foecunda***
distribution 7072
taxonomy 7072
***Eucalyptus fordeana***
foliage 5785
taxonomy 5785
***Eucalyptus gamophylla,*** flowers 1471
***Eucalyptus globulus***
agroforestry 6484
allelopathy 6484
biomass 4128, 4777
Ethiopia 1296
forest inventories 4874
frost injury 3579
frost resistance 3579
fungal diseases 7145
*Armillaria* 2912
*Laetiporus* 6514
growth regulators 5123
India, Uttar Pradesh 6005
insect pests, *Phoracantha* 3922
photosynthesis 4035
pollen 5123
seed orchards 4422
seed sources 4422
seeds 7145
selection criteria 4422
shade trees 6484
silviculture 4128
site preparation 4777
soil chemistry 4303
soil physics 4303
starch 2912
sugars 2912
volume tables 4874
wood anatomy 7820
yield tables 4874
***Eucalyptus gomphocephala***
plant composition 253
salt tolerance 253
***Eucalyptus goniantha,*** salt tolerance 6930
***Eucalyptus grandis***
agroforestry 4553, 7348
bark 3654
biomass 3610, 4765, 5657, 6780
Brazil 620, 4810
climate 2090
composts 6767
coppice 446, 666, 4765
crown 723
economics 226
farm forestry 226
forest borders 5181
forest influences 1439
forest litter 1048
form factors 4839
fuel plantations 51
fungal diseases 7145
*Cylindrocladium* 4449
*Puccinia* 3882
genetics 1041, 4984
growing media 6767
growth models 4863
growth stress 4984
heartwood 3654
increment 740, 2047, 2725
inheritance 5861
insect pests
*Drosophila* 3918
Isoptera 8077
intensive silviculture 4765, 6780
irrigation 4143
maps 2090

***Eucalyptus grandis*** *cont.*
multipurpose trees 3339
mycorrhizas 1048, 5870-5871
nurseries 4810
photosynthesis 3762
plant composition 287, 790
plant nutrition 666, 3610
plant succession 5181
planting stock 3415, 5722
progeny testing 5861
provenance 57, 617-618, 3840
pulpwood production 3654
root shoot ratio 666
roots 790
rotations 750, 3540, 3565
seed orchards 4422
seed sources 4422
seedlings 3415, 3762
seeds 7145
selection criteria 4422
shifting cultivation 1764
shoot cuttings 4810
silviculture 4810
site class assessment 7657
soil physics 790
spacing 3648
species trials 51, 3330, 6712
stand characteristics 2047, 2725
stem form 4839
synecology 5181
tissue culture 1931, 3415, 3762
tree breeding 446
USA, Florida 6502
Vanuatu 3339
variation 5861
volume 3540
water stress 5722
wood anatomy 3654
wood density 287-288, 750, 2853, 3654, 5245
yield forecasting 740
***Eucalyptus grandis* × *E. urophylla***
Brazil 618, 4810
genetics 1041
nurseries 4810
shoot cuttings 4810
silviculture 4810
species trials 3330
***Eucalyptus gunnii***
cell culture 6907
frost resistance 3579, 6321-6322, 6907
pollen 6322
proline 6907
provenance 6321
shoot cuttings 1250
tree breeding 6321-6322
variation 6321, 6907
***Eucalyptus halophila,*** salt tolerance 6930
***Eucalyptus hypochlamydea,*** taxonomy 7072
***Eucalyptus incrassata***
genetics 910
photosynthesis 910
***Eucalyptus intermedia***
forest borders 5181
plant succession 5181
synecology 5181
***Eucalyptus kondininensis***
plant composition 253
salt tolerance 253
***Eucalyptus kumarlensis,*** taxonomy 7072
***Eucalyptus kybeanensis,*** taxonomy 6450
***Eucalyptus latens,*** taxonomy 7072
***Eucalyptus lenziana***
foliage 5785
taxonomy 5785
***Eucalyptus leptocalyx,*** salt tolerance 6930
***Eucalyptus longifolia,*** insect pests, *Odontotermes* 5916
***Eucalyptus macarthurii***
biomass 3340
frost resistance 3340
increment 3340
intensive silviculture 3340
stand characteristics 3340
***Eucalyptus maculata***
rotations 3565
wood density 2853
wounds 2163
***Eucalyptus marginata***
controlled burning 6982
***Eucalyptus marginata*** *cont.*
fungal diseases, *Phytophthora* 2193, 5273
insect pests, *Perthida* 8046
mycorrhizas 5884
opossums 5352
phenology 2193
***Eucalyptus melliodora***
flowers 2206
pollen 2206
reproductive behaviour 2206
***Eucalyptus microcarpa,*** soil biology 818
***Eucalyptus microcorys***
Brazil 620
forest influences 3658
soil chemistry 3658
wood density 2853
***Eucalyptus microtheca***
plant composition 253
plant water relations 6931
planting stock 1299
salt injury 6931
salt tolerance 253, 6931
soil types 6931
species trials 4691
variation 6931
***Eucalyptus miniata***
genetics 910
photosynthesis 910
***Eucalyptus morrisbyi***
growth regulators 5123
pollen 5123
***Eucalyptus nelsonii***
foliage 5785
taxonomy 5785
***Eucalyptus nitens***
coppice 1527
essential oils 1527
fungal diseases 7145
plant composition 1527
seed orchards 4422
seed sources 4422
seeds 7145
selection criteria 4422
species trials 6713
***Eucalyptus nova-anglica,*** USA, Florida 6502
***Eucalyptus obliqua***
competition 4153
fungal diseases, *Armillaria* 2912
insect pests, Isoptera 5301
liberation felling 4153
plant succession 1013, 5220
silvicultural systems 5220
soil biology 818
stand characteristics 5220
starch 2912
sugars 2912
taxonomy 6450
thinning 4153
wildlife 1013, 5345, 8103
***Eucalyptus occidentalis***
frost injury 3579
frost resistance 3353, 3579
plant composition 253
saline soils 678
salt tolerance 253, 3353, 6930
***Eucalyptus opaca***
foliage 5785
taxonomy 5785
***Eucalyptus oreades***
dendrochronology 873
forest fires 873
natural regeneration 873
***Eucalyptus orientalis***
foliage 5785
taxonomy 5785
***Eucalyptus ovata***
growth regulators 5123
pollen 5123
wildlife 8103
***Eucalyptus paliformis***
distribution 5243
endangered species 5243
genetics 5243
taxonomy 6450
***Eucalyptus paniculata,*** provenance 617
***Eucalyptus parvifolia***
distribution 5243
endangered species 5243
genetics 5243
***Eucalyptus pauciflora***
flowers 2206, 5028
gas exchange 4345
gene flow 1015
genetics 910
photosynthesis 910
***Eucalyptus pellita***
hybrids 1040
wood anatomy 7820
wood density 2853
***Eucalyptus pellita* × *E. urophylla,*** progeny testing 1040
***Eucalyptus perangusta,*** taxonomy 7072
***Eucalyptus perriniana***
biochemistry 7497
cell culture 7497
glycosides 7497
plant composition 1535
tissue culture 1535
***Eucalyptus pilularis***
Brazil 620
controlled burning 3664
mycorrhizas 455, 2381, 7137-7138
translocation 2381
wood density 2853
***Eucalyptus polyanthemos,*** flowers 2206
***Eucalyptus populnea,*** rangelands 5984
***Eucalyptus preissiana,*** flowers 5028
***Eucalyptus propinqua***
Brazil 620
wood density 2853
***Eucalyptus pulchella***
plant succession 1013
wildlife 1013
***Eucalyptus punctata,*** Brazil 620
***Eucalyptus radiata***
natural regeneration 5220
plant succession 5220
silvicultural systems 5220
stand characteristics 5220
wildlife 8103
***Eucalyptus regnans***
agroforestry 5522
choice of species 5522
flowers 2206, 5028
herbicides 6230
mammals 6597
pollination 5122
reproductive behaviour 5122
silviculture 5522
site preparation 6230
soil biology 818
species trials 3281, 6713
taper 6853
taxonomy 6450
volume determination 6853
***Eucalyptus resinifera,*** Brazil 620
***Eucalyptus robusta***
biomass 6780
Brazil 620
frost injury 4905
intensive silviculture 6780
saline soils 678
species trials 6712
USA, Florida 6502
***Eucalyptus roycei,*** flowers 1470
***Eucalyptus rudis***
plant composition 253
saline soils 678
salt tolerance 253
***Eucalyptus rupicola,*** taxonomy 6450
***Eucalyptus salicola,*** taxonomy 7072
***Eucalyptus saligna***
agroforestry 3324
Brazil 620
coppice 667
fertilizers 3394, 3464, 6277
foliage 2609, 3464
fuel plantations 3324
genetics 1041
growth stress 858
increment 3464
Indonesia 2609
irrigation 4143
mixtures 3464, 6277
multipurpose trees 3339
nitrogen fixing trees 6277
nurseries 659, 2653
plant composition 2609
plant nutrition 3464, 6277
provenance 57, 617, 2784

***Eucalyptus saligna* cont.**
rotations 3565
species trials 6712-6713
Vanuatu 3339
wind 2784
wood defects 858
wood density 2853
***Eucalyptus salmonophloia*,** shelterbelts 4533
***Eucalyptus sargentii*,** saline soils 678
***Eucalyptus sideroxylon***
flowers 2206
plant composition 253
salt tolerance 253
soil biology 818
***Eucalyptus sieberi*,** seed germination 5798
***Eucalyptus similis*,** flowers 1470-1471
***Eucalyptus stellulata*,** flowers 2206
***Eucalyptus stricta*,** taxonomy 6450
***Eucalyptus symonii***
foliage 5785
taxonomy 5785
***Eucalyptus tereticornis***
agroforestry 1733, 1736, 2543, 2546, 3966, 6017, 7960, 8159
allelopathy 7960
bark 4830
choice of species 6716
economics 226
enzymes 2136
essential oils 346-347
farm forestry 226, 556
forest influences 3966
forest litter 3966
frost resistance 3353
fuel plantations 51
ground vegetation 3802
increment 2058
merchantable volume 6852
nutrient deficiencies 2136
plant composition 790
plantations 6716
planting 7544
planting stock 1985
private forestry 556
provenance 617, 3330, 3350, 4691, 6128
reclamation 2519, 6017
roots 790
salt tolerance 3353
seedlings 7690
shade trees 1733
site preparation 7544
soil chemistry 241, 3966, 7690
soil pH 8159
soil physics 790
spacing 2058
species trials 51, 3330, 3349-3350, 4691, 4694, 6128, 6712-6713
synecology 3802
tissue culture 1985, 4728
tree breeding 1606
USA, Florida 6502
vegetative propagation 1606
volume determination 6852
water conservation 8159
wood density 2853
***Eucalyptus tetragona*,** flowers 1471
***Eucalyptus tetrodonta*,** vegetation types 990
***Eucalyptus torelliana***
insect pests, *Trabala* 8037
planting stock 1985
tissue culture 1985
***Eucalyptus torquata*,** shelterbelts 4533
***Eucalyptus trabutii***
frost injury 3579
frost resistance 3579
grafting 1245, 1250
juvenility 1245
shoot cuttings 1250
***Eucalyptus triflora*,** taxonomy 6450
***Eucalyptus tropica*,** species trials 4691
***Eucalyptus umbra*,** provenance 618
***Eucalyptus uncinata*,** salt tolerance 6930
***Eucalyptus urnigera***
growth regulators 5123
pollen 5123
***Eucalyptus urophylla***
biomass 7571
charcoal 7571, 7776
***Eucalyptus urophylla* cont.**
coppice 778
economics 778
genetics 856-857
growth stress 857
hybrids 1040
increment 7571
insect pests, *Leucopholis* 3915
mixtures 7571, 7776
multipurpose trees 3339
natural regeneration 3423
plant water relations 2179
plantations 8127
planting stock 5722
provenance 617-618, 3350
pulpwood production 6792
seed production 3423
seedlings 3915
spacing 3648
species trials 3350
stand characteristics 7571
synecology 3423
tree breeding 857
Vanuatu 3339
water stress 5722
wood defects 857
wood density 856, 2853
wood properties 7776
***Eucalyptus viminalis***
biomass 3340
essential oils 2232
frost injury 2785
frost resistance 3340
fungal diseases, *Laetiporus* 6514
herbicides 1998
increment 3340
intensive silviculture 3340
seed orchards 4422
seed sources 4422
selection criteria 4422
shoot cuttings 1250
stand characteristics 3340
USA, Florida 6502
wildlife 8103
***Eucalyptus wandoo***
roots 393
saline soils 678
***Eucalyptus woodwardii***
embryology 2221
pollination 375
***Eucalyptus xanthope***
distribution 1587
taxonomy 1587
***Euceraphis betulae*** 6536, 7275
***Euceros superbus*** 8039
***Eucommia ulmoides***
bark 325, 852
girdling 852
landscape 7362
wounds 852
***Eucosma rescissoriana*** 6587
***Eucosma sonomana*** 1661, 2424, 2455, 3100-3101
***Eucryphia cordifolia***
natural regeneration 6476
seed production 6435
stand characteristics 6476
vegetation types 6631
***Eucryphia lucida***
distribution 6908
frost resistance 6908
photosynthesis 6908
***Eugenia***
calorific value 2225
climbers 6524
fruit 6269
vegetation types 2483
wood chemistry 2225
wood density 2225
***Eugenia axillaris*,** increment 7621
***Eugenia lucayana*,** increment 7621
***Eugenia uniflora*,** medicinal plants 4183
***Euodia aromatica*,** synecology 1598
***Euodia fraxinifolia*,** fungal diseases, *Colesosporium* 5284
***Euonymus*,** insect pests, *Otiorhynchus* 5967
***Euonymus alatus***
plant succession 2313
pollen 4358
***Euonymus bungeana*,** pollen 4358
***Euonymus europaeus***
defoliation 2561
embryo culture 2629
insect pests 7276
nurseries 2561
planting stock 4088
seeds 2629, 4088
silviculture 4088
***Euonymus japonicus***
acid rain 6946
air pollution 6946
foliage 6946
plant composition 6946
planting stock 3243
***Eupatorium*,** seed germination 1883
***Euphorbia***
dunes 2494
erosion control 2494
***Euphorbia antiquorum*,** synecology 7094
**Euphorbiaceae,** medicinal plants 4825
***Euproctis chrysorrhoea*** 1064, 5947, 6550, 7250, 7255
**Europe**
acid rain 367, 3609
air pollution 367, 4288
biological control 3924
cones 497
deforestation 4047
dendrochronology 4569-4570
dendroclimatology 4569-4570
dieback 367, 3609, 3761, 4288, 5682, 7894
diseases 494
*Encarsia berlesei* 3081
*Fagus* 3001
forest ecology 1061, 6655
forest inventories 5682
forest management 6878
forest policy 5491, 6102, 7425, 7429
forestry 3253, 4047
*Formica* 6655
Formicidae 3924
history 4047, 6105
information services 5500
insect pests 497
intensive silviculture 2662
*Larix decidua* 52
*Larix leptolepis* 52
logging machines 5500
machinery 5500
nature conservation 1061, 1788
ornamental woody plants 5434
palaeoecology 2997, 3001
*Panolis flammea* 508
*Pityogenes* 8048
plant composition 494
provenance 52
pruning 4656
*Pseudaulacaspis pentagona* 3081
remote sensing 5682
roads 6873
soil pH 2100
synecology 6076
vegetation types 6076
*Zeiraphera diniana* 5941
*Zeiraphera ratzeburgiana* 5941
*Zeiraphera rufimitrana* 5941
**European Communities**
afforestation 6623
farm woodlands 6623
forest policy 7424
forest resources 3292
forestry development 6688
legislation 7964
maps 3292
***Eurya acuminata***
canopy 547
forest influences 547
precipitation 547
***Eurya flava***
canopy 547
forest influences 547
precipitation 547
***Eurya obovata*,** synecology 3804
***Eusideroxylon zwageri***
improvement planting 3227
natural regeneration 3227, 7536
nature conservation 3227
planting stock 117
seedlings 2278
silviculture 3227

***Eusideroxylon zwageri*** *cont.*
synecology 3227
***Euterpe edulis***
agroforestry 4548
seed germination 3357
seed treatment 3357
seeds 3358
***Euterpe oleracea***
agroforestry 3964
French Guiana 7795
fruit 2691, 6833
minor forest products 4815
thinning 2691
***Euura*** 5325, 5957
***Euura lasiolepis*** 5325, 5957, 5959-5960
***Euura mucronata*** 6574
**Evaporation** 2089, 2179, 4633, 4937, 5700
reviews 2491
**Evapotranspiration** 795, 1103, 2180-2181, 2487, 2866, 3165, 3582, 4031, 4038, 4236, 5086, 5253, 5723, 6339, 6341, 6365, 6425, 6934, 7294, 7303, 7784
reviews 4961
**Evolution** 2441, 2897, 3828, 7800, 7907
***Exbucklandia populnea***
browse 1691
forest influences 4914
forest litter 4914
soil chemistry 4914
***Excoecaria agallocha***
keys 3009
maps 3009
synecology 3009
**Exotics** 2614, 3337, 5210, 5354, 6078, 6650
**Experimental design** 690, 1831, 2209, 3338, 5229, 5411
**Exploitable age or size** 4151
**Extension** 42, 1182, 1818, 3249, 3317-3318, 4666-4667, 4670, 5502, 5504, 7325
**Exudation** (*see also* Resins; Roots, root exudates)
**Fabales**
seed germination 1225
seed treatment 1225
storage 1225
**Fagaceae**
palaeoecology 400, 2283
phylogeny 400, 2283
***Fagus***
acid rain 5745
crown 5641
distribution 3001
landslides 1107
palaeoecology 3001
phylogeny 2283
seed dispersal 3002
***Fagus crenata***
biomass 2045
forest litter 1409
fungal diseases, *Ambrosiella* 8004
ground vegetation 1600
humus 7703
insect pests, *Scolytoplatypus* 8004
light 2280
mountain forests 414-415
natural regeneration 216, 415, 955, 2280
palaeoecology 401
photosynthesis 1572
plant succession 415
pollen 951
respiration 1572
rodents 7287
seeds 7287
simulation 2045
synecology 414, 951, 955, 2280
transpiration 1572
wood anatomy 313
***Fagus grandifolia***
acid rain 2149
air pollution 2149, 3635
aluminium 3599
arthropods 7175
bark 1564, 3738, 5920
biochemistry 1564
biomass 196
birds 2472, 7175
cavities in trees 2472
cycling 2123
***Fagus grandifolia*** *cont.*
distribution 6463
foliage 7203
forest litter 3591
fungal diseases, *Nectria* 5920
glacial soils 4916
glycosides 3738
increment 3526
insect pests
*Cryptococcus* 5920
*Heterocampa* 7203
light 4903
lignin 1564
monolignols 3738
mortality 7953
natural regeneration 2789, 4395, 4903, 5213, 7953
optical properties 3277
palaeoecology 6463
plant succession 7953
plant water relations 4916
roots 2123
soil chemistry 2103
soil texture 4916
soil toxicity 3599
soil water 4916
stand characteristics 5213, 7089
underwood 7097
volume tables 174
***Fagus orientalis***
bark 4835
form factors 4840
increment 5655
natural regeneration 6210
roundwood 5635
seedlings 5655
soil types 4930
storage 5635
synecology 4930
vegetation types 4930
volume 5635
volume determination 4835
weight 5635
***Fagus sylvatica***
acid rain 2149, 4283, 6333, 6946
afforestation 6609
age of trees 5637
agroforestry 1742
air pollution 927, 2146, 2149, 4301, 4954, 4964, 5810, 6343, 6946, 7762-7763
altitude 2281, 2988
aluminium 3599
artificial regeneration 6212
assortments 3536, 4196
avalanches 6612
bacterial diseases 1646
bark 929, 3738, 5637
biomass 2050-2051, 5642
branches 4424, 4841
bud culture 4096
buds 913
calcareous soils 7763
callus 4977
cambisols 4279
canopy 952
Carabidae 2408
cattle 3162
cleaning 3465
competition 696
coppice 664
cost analysis 7668
crown 2050, 2966, 4841
cytology 2808, 5027
damage 4978
decay 4424, 8058
deer 2470, 3162, 6000
defoliation 929, 2169, 5748
dendrochronology 571
diameter 5638, 6273
dieback 838, 927, 929, 1646, 1840, 2169, 2841, 3617, 3650-3651, 4294, 4954, 5103, 5114, 5748, 5810, 6431, 7895
discoloration 1646, 2169, 4323, 4977, 5748
dormancy 1231
economics 2693, 3567, 4148, 4895, 5527, 5693, 7668
electrical phenomena in trees 4912
embryo culture 7968
***Fagus sylvatica*** *cont.*
fertilizers 1261, 4283, 7519, 7522
flowers 5087
foliage 929, 2350, 2916, 3726, 3913, 5735, 5810, 6343, 6946, 7763, 8049
forest borders 2281
forest influences 1446, 4301, 4985
forest inventories 7656
forest litter 1411, 2104, 2916, 4424, 5712, 6329, 6914, 7178
forest management 199, 4167, 5477, 7656
fungal diseases
*Armillaria* 4435
*Fomes* 4435
*Fomitopsis* 4435
*Hypoxylon* 3851
*Nectria* 6512
fungi 1623
genetics 1028, 1033, 4421
German Democratic Republic 6212
German Federal Republic 1718-1720, 5581, 7470
glycosides 3738
ground vegetation 838, 864, 7761
growth factors 4294
growth regulators 5087
growth rings 2050
heavy metals 3595
height 4806, 5638
humus 2116, 6327, 6329
increment 1280, 1348, 1353, 1366, 1840, 2050-2051, 2841, 4075, 4853, 5527, 5648, 6279, 6816, 6862
indicator plants 842
insect pests
*Calliteara* 1663
*Cryptococcus* 929, 7191
*Cydia* 4362
*Phyllaphis* 1062
*Rhynchaenus* 929, 3913, 5318, 5954, 8049
*Trypodendron* 8058
knots 5637
Lammas growth 6377
light 952, 7887
loess soils 5581
logging 4977-4978
luvisols 7763
mechanics 4192
mixtures 3465, 4126, 4265, 4320, 4806, 4853, 5569-5570, 5581, 5616, 5621, 5693, 6000, 6212, 7572, 7580
monolignols 3738
mulching 7541
mycorrhizas 457, 462, 1044, 3857, 5260
natural regeneration 2670, 2692, 3162, 4132, 8107
Nematoda 5327
nitrogen fixation 4279
nurseries 4121-4122, 6512
nutrient deficiencies 6343
Oligochaeta 3135
ornamental woody plants 3238
palaeoecology 2995
phenology 1458
photosynthesis 5085, 7887
plant composition 913, 2916, 3727, 5027, 5735, 6343, 6946, 7522
plant disorders 2966, 5291, 8018
plant nutrition 1044, 3857, 4075, 4435, 5810, 6343
plant physiology 2808, 7522
plant succession 3003
plant water relations 5085
planting stock 4121, 6000, 7495
Poland 6820
pollen 5087
pollination 4362
polluted soils 6777
precipitation 775
procyanidins 7191
provenance 2350, 4075, 4688
pseudogleys 7763
remote sensing 4881, 5684
reproductive behaviour 1033
roots 2051, 2808, 2966, 3617, 5642

***Fagus sylvatica*** *cont.*
rotations 4132
runoff 6609
sandy soils 5581
sap 1062
seed predation 4362
seedlings 1228, 1631, 6397
seeds 1028, 1228, 1231, 1235, 3726-3727, 4362, 5545, 7495
selection 2693
shoot cuttings 1930, 3238, 4096
shoots 6377, 7895
silvicultural characters 4320
silvicultural conversion 1280
silvicultural systems 5569-5570
silviculture 3471, 4167, 4803, 5621
skidding 4978
snow 4192
snow damage 5702
soil biology 2116
soil chemistry 864, 2097-2098, 2146, 4267, 4301, 5260, 6914, 7696, 7761
soil fauna 6333
soil fertility 4267
soil pH 5260, 7696
soil pollution 3595
soil toxicity 2808, 3599
spacing 5702
stand characteristics 696, 2051, 2692-2693, 2988, 3471, 4803, 5569-5570, 5613, 5837, 6816, 6862
stand tables 3536
starch 3617
stem form 5637
stemflow 864, 1446, 2146, 4301, 5260, 6333
stems 929
stomata 5085
symbiosis 1044
synecology 2988, 4803
tending 7558
thinning 4148, 4155, 4795, 5603, 6273, 6360, 7191
tissue culture 6163, 7506, 7968
tree classes 2050-2051
treelines 3003
underplanting 1315, 1348, 4160, 4163, 4267, 6228, 6245, 6781
vegetation types 407, 564, 4803, 5845
viral diseases 5291, 8018
virgin forests 5837
volume 5613
volume determination 4841
volume tables 4196
waxes 3726
weed control 2688, 4122
wood anatomy 2169, 4323, 5748
wood density 2851, 5748
wood properties 3650-3651, 4294
wounds 4323, 4977, 6360
yield forecasting 1840
yield tables 756, 3536, 4795
zoning 3003
***Faidherbia albida*** *(see Acacia albida)*
***Fairmaniella leprosa*** 5899
***Faramea occidentalis***
coppice 5578
seeds 368
***Fargesia qinlingensis,*** taxonomy 2978
**Farm forestry**
Africa 4891
Australia 4540
Brazil 778
Cameroon 8150
China 4546
Developing Countries 1381
economics 226, 2530, 2766, 3184, 5384, 7325, 7328, 8141
Ecuador 5384, 6872, 8141
Finland 7586
German Federal Republic 2766, 6023
India 4620
Karnataka 556
Rajasthan 5421
Japan 3184
Kenya 3175
Mexico 7328
New Zealand 6037
Nigeria 7325
Pakistan 3405, 7338
**Farm forestry** *cont.*
periodicals 3248
Swaziland 7326
Sweden 2530
Vanuatu 3339
**Farm woodlands**
Australia 1821, 2086, 2497, 3195
Victoria 2524
Austria 6301
European Communities 6623
German Federal Republic 555, 6622
history 7327
Hungary 5512
India 4620
Swaziland 7326
UK 6022
Yugoslavia 7327
***Faurea saligna***
improvement planting 4071
species trials 4071
**Federated States of Micronesia**
agroforestry 219-220, 5475, 6894-6895
mangroves 178
maps 219-220, 6894-6895
synecology 219-220, 6894-6895
vegetation types 219-220, 6894-6895
***Felis rubiginosa*** 6593
**Felling**
damage 6845, 7533
equipment 6826
yield regulation 2008
**Felling, types of** (*see* Silvicultural systems)
**Fences** 540, 3951, 8105, 8166
***Fentonia ocypete*** 3138
***Fenusa pusilla*** 7263
**Ferns** 2018, 3875, 5594, 5596, 7102, 8015
**Fertilization (in reproduction)** (*see* Pollination, fertilization)
**Fertilizers**
abiotic injuries 3611, 5556, 5809, 7519, 7521, 7764
aerial application 4105, 4109, 6361
age 89, 91
Agriform 6181
animal products 651, 1769, 3200, 4125, 5397, 6769
ash 1260, 4106, 5564
bark 1260, 6774
basic slag 1938
boron 4745, 4944, 6180, 6348, 7547
calcium 457, 1769, 2643, 3393, 3397, 4104, 4110, 5555, 6186, 6206, 7521-7522
calcium ammonium nitrate 6182
cobalt 3393
computer techniques 6101
damage 4752, 5559, 6748
diseases 457, 7155
ecology 653, 1261, 6845
economics 2771, 3390, 4750, 6184-6185, 6206, 7523-7524
equipment 3397-3399, 7524
foliage 91, 1939, 2200-2201, 3393, 3401, 6328, 7518
foliar application 6175, 6766
genetics 5244
hardiness 5703
hydrology 655
industrial wastes 1260, 7530
inorganic compounds 815
iron 2651, 4950, 5559
Kieserit 3397, 3399
leaching 3389
lime 798, 1113, 1937, 2795, 3176, 3200, 3388, 3397-3398, 3585, 3601, 3632, 4105, 4965, 5397, 5555-5556, 5737, 5809, 6175-6176, 6179, 6187, 6346, 6764, 7519, 7523-7524, 7567, 7693, 7764
magnesium 91, 457, 1938, 1944, 3393, 3397-3399, 5108, 5555-5556, 6175, 6177, 6179, 6206, 6328, 7517, 7519, 7521-7522, 7547, 7764
manganese 5732-5733
methodology 4105, 4107, 4750
minor elements 4110, 6247, 7518
molybdenum 3393
mycorrhizas 457, 2366, 4746, 6192
nitrogen 6179
**Fertilizers** *cont.*
nitrogen *cont.*
*Abies* 123, 4751
*Acacia* 6775
*Acer* 1257, 2797, 2825
*Alnus* 1942, 3523
*Bauhinia* 1957
*Casuarina* 87, 1942, 3044
*Ceanothus* 1943
*Elaeagnus* 1942
*Eucalyptus* 3394, 3464, 4748, 6277
*Fagus* 4283
*Gmelina* 86
*Leucaena* 6511, 7126
*Myrica* 1942
*Phyllostachys* 2641, 2796
*Picea* 85, 655, 3401-3402, 4751, 4944, 6185, 6238, 6806, 7692, 7702
*Pinus* 655, 1258, 1939-1940, 1945, 1951, 2200-2201, 2795, 2797, 3389, 3392, 3396, 3601, 4123, 4744, 4749, 4751, 4801, 5559, 6185, 6238, 6717, 6864, 6940, 7318, 7538, 7702, 7990, 8028
*Populus* 4747
*Prunus* 5244
*Pseudotsuga* 141, 245, 3391, 3400
*Quercus* 2797, 4283
*Tilia* 7375
*Tsuga* 3391
NPK fertilizers 4104
*Abies* 89, 91, 4751
*Acacia* 691, 3016
*Auxemma* 3486
*Betula* 4106
*Caesalpinia* 3486
*Calamus* 2029, 2714
*Chamaecyparis* 249
*Croton* 3486
*Eucalyptus* 2962
*Gmelina* 654
*Leucaena* 1624
*Magnolia* 5437
*Mimosa* 3486
*Phyllostachys* 2642
*Picea* 94, 4751, 4947, 6181
*Pinus* 59, 90, 92, 94, 101, 149, 440, 651, 653, 1113, 1263, 1955, 1961, 2651, 3954, 4106, 4746, 4751-4752, 4947, 5555, 5560, 6178, 6181, 6183, 6328, 6765, 7518, 7547
*Pleioblastus* 7520
*Populus* 6206
*Prunus* 7517
*Pseudotsuga* 94, 1944, 3954, 6181
*Quercus* 4108
*Robinia* 2643
*Shibataea* 7520
nutrition physiology 1263, 2825, 3395, 4110, 4745, 4748-4749, 5809, 6175, 7522
organic compounds (*see also* Composts)
persistence 88
pests 8028
phosphorus 3397-3398, 6179
*Acacia* 2639, 6775
*Allocasuarina* 1941
*Alnus* 2375, 3393, 5703
*Casuarina* 1941
*Desmanthus* 3387
*Eucalyptus* 3394
*Gmelina* 86
*Leucaena* 153, 2366, 3387-3388, 5249, 5757, 6187, 6247, 6511, 7576
*Phyllostachys* 650, 2640
*Picea* 457, 3499, 6202
*Pinus* 150, 803, 1258, 1939, 1945, 2200-2201, 3499, 4110, 4123, 4801, 5583, 6202, 6717, 6864, 7318, 7538
*Robinia* 6178
*Salix* 649
*Tilia* 7375
plant products 651, 2640
potassium 153, 457, 649, 1938, 2027, 2640, 3393, 3397-3399, 3499,

**Fertilizers** *cont.*
potassium *cont.*
3632, 5556, 5566, 5737, 6178-6179, 6194, 6764
requirements 823, 2638, 2643, 3176, 3401, 3411, 5556, 6177, 6183, 6191, 7516, 7693
reviews 3390, 4750
roots 5560, 6186, 6940
safety 1262
seasons 6182, 7523
seed production 70
sewage 652, 1113, 1260-1262, 1264, 1946, 3646, 4123, 5706
silicon 2640, 7520
simulation 141, 5670
slow release fertilizers 1113, 1257, 3389-3390, 4744, 6181, 7371
soil 245, 649, 1261, 2797, 3176, 3632, 4265, 4267, 4747, 6175-6176, 6178, 6186, 6328, 6764, 6769, 7518-7519, 7521, 7692-7693, 7764
spacing 656
statistical methods 1940, 3400
sulfur 1258, 3016, 3393, 3399
thinning 2666, 6238, 6806, 7521
Triabon 6181
urea 150, 1257, 2640-2641, 2795, 3392, 3394-3396, 3400, 3402, 3601, 4748, 4801, 6182, 6361, 6766
water pollution 655, 1261, 6361
weeds 7547
work study 7524
zinc 4944, 6346
**Fibres** 824
***Ficus***
birds 5351
botany 6375
distribution 380, 6374
edible species 6374
increment 7621
Kenya 6374
keys 6374
medicinal plants 6374
phenology 5351
pollination 6374
reviews 6375
Somalia 380
taxonomy 380, 6374
***Ficus auriculata***
fodder 1322, 1864
multipurpose trees 1322
Nepal 1864
***Ficus beddomei,*** synecology 7944
***Ficus benghalensis***
air pollution 2158
foliage 816, 2158
irrigation 612, 1994
soil pollution 816
street trees 2158, 5433
synecology 5183
***Ficus benjamina***
plantations 1452
sap 4025
shoot cuttings 1237
vegetation types 6471
weeds 1452
***Ficus crassiuscula,*** habit 6524
***Ficus cunia***
fodder 1322
multipurpose trees 1322
***Ficus glomerata,*** insect pests, *Lohita* 5304
***Ficus ingens***
fruit 2202
symbiosis 2202
***Ficus lacor***
fungal diseases, *Phyllachora* 5284
shoot cuttings 5630
***Ficus microcarpa,*** ornamental woody plants 5438
***Ficus pertusa***
epiphytes 1007
plant nutrition 1007
roots 1007
***Ficus poacollie,*** agroforestry 1745
***Ficus religiosa***
flowers 5137
foliage 6412
irrigation 612, 1994
plant composition 6412
pollination 5137
***Ficus religiosa*** *cont.*
street trees 5433
***Ficus semicordata***
fodder 1322, 1864
multipurpose trees 1322
Nepal 1864
***Ficus sycomorus***
flowers 5137
pollination 5137
***Ficus trigonata***
epiphytes 1007
plant nutrition 1007
roots 1007
**Fiji**
agroforestry 3991, 5475
deforestation 3991
seed dispersal 7062
**Finland**
afforestation 6209
air pollution 3618, 4282, 4970, 6357
*Alces alces* 6599
*Alnus glutinosa* 1627, 6331
*Alnus incana* 1627, 6282, 6331
amenity value of forests 4006, 4023
*Aradus cinnamomeus* 3895
artificial regeneration 4771
assortments 6304
*Betula pendula* 6536
*Betula pubescens* 5013
bibliographies 5
biomass 1052
Carabidae 2407, 2452
*Castor canadensis* 3941
clear felling 3168
coppice 6207
Curculionidae 5951
ditches 4141
drainage 1401, 4141-4142
economics 6184-6185, 6316
erosion 3168
*Euceraphis betulae* 6536
*Euura mucronata* 6574
farm forestry 7586
fertilizers 6182-6185, 6238
flooding 3941
forest ecology 3941
forest influences 3168, 7717
forest inventories 4875, 6302, 6304
forest litter 6331
forest management 6296
forest ownership 6296
forest recreation 5428
forest statistics 6108-6109
forestry 4023
*Frankia* 1627
*Gremmeniella abietina* 6183, 6515
health 4063
*Hylastes brunneus* 1667
*Hylurgops palliatus* 1667
increment 4141-4142
information services 5
insecticides 2452
labour 4063, 4671
landscape 4006, 4023
*Lygus rugulipennis* 5306, 8027
mycorrhizas 4746
nature conservation 6080
nurseries 2452, 2657, 6198, 8027
Oligochaeta 7717
palaeoecology 6461
peatlands 1401, 4141-4142, 4875, 6302
*Pinus sylvestris* 2610, 3895, 3909, 6515
plant succession 867, 1008
planting stock 6216
private forestry 6110
protection forests 5428
provenance 2610
pruning 4656
*Rangifer tarandus* 6598
remote sensing 2078
research 6080
roundwood 1336
runoff 3168
*Salix* 1153
*Salix cinerea* 6574
Scolytidae 5951
seed orchards 4708
silviculture 649, 4023
site preparation 3438, 4106, 4780, 6216, 6221, 7586
site types 964
**Finland** *cont.*
snow 4987
sociology 4023
soil biology 7717
soil chemistry 1401, 2795
synecology 6472
thinning 4796, 6238
*Tomicus minor* 1667
*Tomicus piniperda* 1667, 3909
urban forestry 5428
vegetation types 7717
wind damage 4910, 6323
**Fire** (*see* Controlled burning; Forest fires)
**Fish farming** (*see* Aquaculture)
**Fishes** 1, 1099-1101, 3449, 3942, 4596, 5469
**Fishing** 3942
***Fitzroya cupressoides,*** vegetation types 6631
***Flacourtia indica,*** soil biology 2814
***Flemingia congesta***
agroforestry 6032
choice of species 6032
***Flemingia macrophylla***
agroforestry 3677
biomass 1347
branches 2031
foliage 1347
growth regulators 2031
lac 2031
mulching 1259, 2792, 3677
plant composition 2832
root systems 3677
soil temperature 2792
soil water 2792
***Flindersia australis,*** phenylpropanoids 7864
**Flood control** (*see also* Torrent training)
**Flooding** 252, 2164, 3602, 3941, 5725, 6336, 7298, 7718
**Floodplains** 2523, 7344
forestry 2862, 4399
**Floods** 4909, 6336
**Flora**
Africa 4579
Australia, South Australia 7076
Bangladesh 3787
Bolivia 7078
books 4579
Brazil 946, 7941
Canary Islands 1789
Chile 398, 6631
China 378, 389
Costa Rica 5191
Cuba 405
India
Kerala 7385
Maharashtra 6457
Indonesia 2278, 3785-3786, 6449
Iran 4372
Mauritania 1147
Mexico 4387
Peru 6459
Poland 2279
Rwanda 2985
Sarawak 4581
Seychelles 947
Somalia 948-950, 2983
Tropics 4579
USA
California 5830
Hawaii 4371
Oregon 7092
Washington 7093
USSR, Lithuanian SSR 4002
**Flowering** 5120
induction 355, 374, 1221, 2962, 2970, 3030, 5135-5136, 5138-5139, 7054
periodicity 370, 879, 1022, 1457, 1901, 2263, 2873, 3766-3767, 4322, 5818, 5820, 6438, 6442, 6722, 7803, 7902, 7905
plant physiology 5134-5136, 5138-5139
**Flowers**
anatomy 2882, 3767, 5028, 5135-5137
chemistry 1520, 2900, 4333, 5048, 6404, 7014, 7045, 7176, 7844
development 305, 2206, 2223, 2266, 2878, 2972, 3763, 3768, 5014, 5028, 5134-5139, 6441, 6993, 7827

**Flowers** *cont.*
morphology 1470-1471, 1579, 2206, 3687, 5021, 5134, 5138-5139, 5820, 6992-6993, 7074
pests 4470, 6576
statistical methods 3687
**Fodder** 3209
Algeria 2706
Asia 1741
Australia, Queensland 6031
bibliographies 3262
Brazil 4820
Burundi 1747
chemistry 7595
Colombia 4181, 4821
conferences 4020, 4181
Developing Countries 3960
Ethiopia 4822, 5337
foliage 875, 1139, 1322-1323, 1749, 1752, 1856, 2133, 2190, 2197-2198, 2298, 2609, 2707, 2709, 3155-3157, 3293, 3326, 3483, 4181, 4340, 4820-4822, 5337, 5625, 5628, 5631, 5926, 6031, 6266-6268, 6384, 6412, 6710, 6836, 7467, 7592, 7595-7596, 7850
fruit 2190, 3478, 6031, 7880
history 158, 3293
India 1691, 4620
Maharashtra 6710
Indonesia 2609, 5926
measurement 1165
Namibia 1165
Nepal 707, 4020, 5630-5631, 6131
Norway 1139
reviews 158
Sahel 1319
Somalia 3159
St. Lucia 3483
statistical methods 5990
Sweden 3293
Tunisia 1165
Turkey 6268
USA
Colorado 5990
Wyoming 5990
USSR 3478, 7112, 7815
**Fogs** 2848, 3637, 3641, 7521
***Fokienia hodginsii***, fungal diseases, *Phomopsis* 471
**Foliage**
analysis 823, 2687, 2833, 3464, 4278, 5556, 5660, 5735, 5810, 6343, 6345, 6955, 7034, 7816
anatomy 883, 4971, 7818
(*see also* Epidermis; Stomata)
*Abies* 4968
*Acer* 2562, 2685
*Anisophyllea* 1484
*Averrhoa* 2562
broadleaves 6654
*Cananga* 5037
*Castanospermum* 258
*Eucalyptus* 891, 5785
*Ginkgo* 2562
Hamamelididae 5029
*Ilex* 5963
*Larix* 2562
*Phyllostachys* 1461
*Picea* 2152, 3625, 3684, 4968, 4970, 5116
*Pinus* 1017, 4970, 5117
*Populus* 2210
*Prosopis* 3690
*Salix* 361
*Tilia* 2562
*Zelkova* 2562
books 6654
chemistry 1856, 2133, 2197-2198, 2298, 3745, 6583
(*see also* Plant nutrition)
*Abies* 1539, 2134, 2941, 7758
*Acacia* 1545, 1563, 2609, 2942, 7726, 8092
*Acer* 2830, 2935, 6946
*Actinodaphne* 2921, 2944, 3730, 7878
*Adansonia* 7012
*Albizia* 6412, 7726
*Alnus* 7850, 7861
**Foliage** *cont.*
*Alseodaphne* 5067
*Alstonia* 904, 1521, 2933, 5047
*Angophora* 2226
*Avicennia* 1533
*Azadirachta* 1429, 1498, 2150, 3735, 6412
*Backhousia* 3720
*Bambusa* 2322
*Betula* 1530, 2159, 6417, 7850
*Bolusanthus* 1514
*Bougainvillea* 2150
*Buxus* 5052, 6405
*Cassia* 2609
*Casuarina* 87
*Cedrela* 2891
*Cephalotaxus* 2234
*Ceratozamia* 1547, 5062
*Cinnamomum* 1444
*Clausena* 2893
*Combretum* 1558, 2228, 5042
*Cordeauxia* 6262
*Crescentia* 7726
*Cryptomeria* 1444, 2842, 7031, 7927
*Dalbergia* 1429
*Dehaasia* 2920
*Dysoxylum* 1494
*Encephalartos* 7859
*Enterolobium* 7726
*Eucalyptus* 253, 816, 2609
*Euonymus* 6946
*Fagus* 2916, 3726, 6946
*Ficus* 816, 6412
*Fraxinus* 2134
*Ginkgo* 1493, 2234, 3713, 3725
*Gliricidia* 7726
*Glycosmis* 2926
*Guaiacum* 816
*Guazuma* 7726
*Hedera* 7046
*Ilex* 5963
*Juniperus* 1553, 2924, 5064, 6413
*Laburnum* 5082
*Larix* 2878
*Larrea* 7036
*Laurus* 5626
Leguminosae 2609
*Leucaena* 4820, 6416, 6710, 7726, 7732
*Libocedrus* 3716, 7869-7870
*Lindera* 2899
*Liquidambar* 1550
*Liriodendron* 5911
*Macaranga* 1511
Mangroves 1445
*Melaleuca* 4332, 7602
*Melia* 336, 3921, 5793, 7034
*Metrosideros* 1566, 7707
*Micromelum* 7846
*Millingtonia* 6412
*Nerium* 3694, 5045
*Nothofagus* 1392, 2786
*Phyllocladus* 7855
*Picea* 1076, 1539, 1937, 2153, 2159, 2243, 2941, 3625, 3633, 3710-3712, 3734, 4944, 5055, 6346, 7758, 7850
*Pinus* 1422, 1444, 1536, 1939, 2144, 2159, 2234, 2844, 3429, 3737, 4281, 4721, 7749, 7848, 7850
*Pithecellobium* 2150
*Plumeria* 7845
*Podocarpus* 1546
*Pongamia* 1532
*Populus* 2422, 5911, 5940, 7026, 7046, 7850
*Prosopis* 7879
*Pseudotsuga* 1944, 2815, 2941
*Ptelea* 4342
*Quercus* 845, 1543, 1552, 2134, 3623, 5707, 6946, 7040, 7177
*Rhizophora* 7046-7047
*Salix* 3706
*Samanea* 6412
*Senna* 7726
*Sequoiadendron* 2144
*Shorea* 1045, 1444, 1495
*Siparuna* 1497
*Tabernaemontana* 7598
**Foliage** *cont.*
*Tabernanthe* 2035
*Tectona* 1444
*Thuja* 352
*Tsuga* 3803
*Vitex* 2892
*Washingtonia* 908
colour 2341, 5876, 7801
crops 2948, 6837
cytology 2840, 2877, 3684-3685, 5024, 5287, 6337
damage 272, 541, 850, 929, 1429, 2091, 2150, 2297, 2416, 2685, 2787, 2840, 2876-2877, 3684, 4353-4354, 4461, 4908, 4952, 4955, 4967, 4971, 5299, 5744, 5810, 6531, 6555, 7737, 7760, 7763
development 889, 1484, 2562, 3671, 4275, 5006-5007, 5015, 5017
diseases 2297
*Abies* 3875
*Acacia* 2395
*Alnus* 5901
*Calamus* 5284
*Calophyllum* 5885
*Cassia* 5284
*Chamaecyparis* 1632
*Cornus* 5288, 6519, 7161, 7165
*Cunninghamia* 8014
*Dalbergia* 5284
*Erythrina* 7160
*Eucalyptus* 4443, 5899
*Euodia* 5284
*Ficus* 5284
*Melia* 1059
*Metasequoia* 2385
*Picea* 1058
*Pinus* 441, 466, 488-490, 1058, 1644, 2363, 2397, 2676, 3053, 3864, 5286, 6711, 7147, 7163, 7849, 8013
*Platanus* 5294, 8083
*Populus* 1620, 1645, 2398-2399, 4442, 5285, 8016
*Pseudotsuga* 4445, 5287, 5854
*Quercus* 6520
*Salix* 1643
fires 2183
fodder 6268
increment 187-188, 1347, 2091, 2158, 2200, 4831, 7005
leaf area index 739, 744, 2056, 2200-2201, 4157, 4198, 4200, 4235, 5372, 5783-5784, 7802
light 294, 895, 1168, 1442, 2830, 3741, 4318, 7005
measurement 190, 1318, 1325, 1347, 1745, 2158, 2166, 2201, 2689, 2878, 3495, 3497, 4235, 4318, 4831, 5012, 5681, 6710, 7763
mechanics 5094
methodology 16, 1168, 2781, 3495, 5783-5784
microbial flora 2363-2364, 5248
morphology 2207, 2220, 7005
*Abies* 7816
*Acer* 2884
*Betula* 315, 884, 2354
*Buxanthus* 7915
*Buxella* 7915
*Buxus* 7915
*Carya* 2884
*Castanospermum* 258
*Coccoloba* 7074
*Dacrycarpus* 4367
*Dacrydium* 4367
*Eucalyptus* 891
*Halocarpus* 4367
Hamamelididae 5029
*Ilex* 1582, 2876
*Juglans* 2884
*Lagarostrobos* 4367
*Lepidothamnus* 4367
*Leucaena* 5021
*Liriodendron* 2884
*Microcachrys* 4367
*Microstrobos* 4367
*Notobuxus* 7915
*Parasitaxus* 4367
*Picea* 5015, 7816

**Foliage** *cont.*
morphology *cont.*
*Podocarpus* 7833
*Populus* 2884
*Prosopis* 3690
*Quercus* 2884
*Robinia* 2884
*Salix* 7917
optical properties 772, 2260, 2759, 3277, 3754, 4248
pests 8, 371, 1649, 1660, 2297, 2416, 2876, 3086, 3108-3109, 3913, 3916, 4456-4457, 4459-4460, 4514, 5287, 6555, 6583, 7179, 7203, 8034, 8045, 8049
pigments 3276, 4353, 6414
plant physiology 361, 914-915, 1392, 1422, 1430, 1566, 1575, 2689, 2815, 2843, 2948, 2954, 2959, 3734, 3745, 4348, 4955, 5015, 5017, 5037, 5793, 6426, 6531, 6555, 7732
plant water relations 262, 2488, 4275, 6337, 7750
sampling 7410
seasonal behaviour 1392, 1455, 2133-2134, 2310, 2350, 3671, 3745, 5006-5007, 6262, 6337, 6352, 6414, 7005, 7040, 7702, 7798, 7800-7801
shedding 1570, 3622, 3745, 5006-5007, 5803, 6352, 7044
simulation 2201
statistical methods 3497, 4834
uses 1856, 2653, 2709, 3160, 3293, 4340, 4820, 5625, 5627, 5629, 5634, 6031, 6266-6268, 6384, 6412, 6710, 6836, 6988, 7012, 7026, 7031, 7592-7593, 7595, 7599, 7850, 8163
(*see also* Cut foliage; Fodder, foliage)
volatile compounds 2948, 2954, 6950, 7053
***Folsomia candida*** 7177
***Fomes annosus*** (*see Heterobasidion annosum*)
***Fomes applanatus*** (*see Ganoderma applanatum*)
***Fomes fomentarius*** 4435, 8058
***Fomes marginatus*** (*see Fomitopsis pinicola*)
***Fomes pini*** (*see Phellinus pini*)
***Fomes pinicola*** (*see Fomitopsis pinicola*)
***Fomitopsis pinicola*** 4435, 5712, 5865
**Forest administration** 1197, 2753, 3232, 4176, 4245, 6317, 6905, 7441
bibliographies 6664
**Forest borders** 396, 2281, 2726, 3230, 4528, 5181, 5692, 7200, 7760
**Forest ecology** 2415, 5911
Brazil 3656
Costa Rica 1824, 2416, 3890
economics 4896
Europe 1061, 6655
Finland 3941
German Federal Republic 3228
Mexico 1824, 2297, 6442
Panama 1824, 2417
research 1824
Sabah 2282
South Africa 536, 5210-5211
Spain 2411
Thailand 6528
Tropics 2254
UK 4455
USA
Indiana 7097
Kentucky 5910
West Virginia 859
**Forest fires** (*see also* Controlled burning)
behaviour 297, 3285, 4309, 4634, 4647, 4991-4992, 7787, 7791
Canada
Alberta 4999
Quebec 6371
China, Heilongjiang 4989
computer techniques 4314, 4647, 4992, 7790
conferences 5463, 5472
control 298, 2554, 6977, 7788
**Forest fires** *cont.*
damage 296, 873, 3667-3668, 4308, 5759, 5767, 7792
detection 298, 3666
ecology (*see also* Plant succession, fires; Synecology, fires; Wildlife, fires)
Canada
Manitoba 2425
Saskatchewan 2425
France 301
German Democratic Republic 6569, 6581
Indonesia 1452
Italy 872
Japan 870
New Zealand 6981
Nigeria 296
South Africa 5761
Taiwan 1451
USA 1650
California 4392
Florida 3669
Idaho 4994
Montana 4994, 5192
Oregon 2187-2188
Washington 4379
Wisconsin 2290
Zimbabwe 3012
economics 2182, 4313, 4995, 5463
equipment 297, 5762, 7789
fire danger 298, 5759
assessment 866, 2868, 4310, 4312, 4992, 6370, 6974-6975
fuels 866, 4990, 5647, 5761
meteorology 296, 4310-4311, 4988
seasonality 4312
statistical methods 866
fire suppression 298, 300, 868-869, 1448-1450, 1821, 2182, 2185, 2868, 3285, 4307, 4313, 4995, 5472, 5759-5760, 5762, 6979, 7789-7790
firebreaks 49, 298, 3663, 4315, 6977
forecasting 299, 4307, 4311-4312, 4998
German Federal Republic 7788
history 874, 2564, 4988, 4999, 5768, 6371, 6974
hydrology 4312
Japan 6370
management 299, 2182, 2868, 5463, 6979-6980
mapping 6370
methodology 2564, 5768
Netherlands 3231
prevention 298, 1450, 1735, 1821, 2183, 2868, 3668, 4311, 4314, 5472, 5759, 6975, 6979, 7788
resistance 873, 5830
simulation 868, 2182, 3285, 4307, 4309, 4634, 4995, 4998, 6974-6975, 6980, 7787, 7958
smoke 11, 3666, 5763, 5765
Solomon Islands 4306
South Africa 5758
statistical methods 4313, 7792
statistics 1843
Turkey 5760
USA, Minnesota 6974
**Forest influences**
air 848, 2176, 2178, 2856, 3660, 4901, 4957, 4959, 4986, 6367, 7692
(*see also* Wind, shelterbelts)
climate 3660, 3944
conferences 4022, 6084
crops 1119-1120, 1439, 2172, 2495, 2547, 2855, 2862, 3974-3978, 5402, 7311, 7338
economics 3942, 7296
erosion 1107, 2112, 2171, 2862, 3168-3169, 3171, 3194, 3660, 5754, 8138
fauna 295, 2410, 2475, 2857, 3661, 5188, 6528, 7286, 7290, 7717
flora 1446, 3659, 4304, 6366, 7280, 7283, 7949
hydrology 1700, 2112, 4022, 6365, 8138
books 1
Brazil 1441
Canada, Alberta 550
Chile 7302-7303
**Forest influences** *cont.*
hydrology *cont.*
China 292, 549
Costa Rica 3208, 6048
Czechoslovakia 795
Finland 3168
German Federal Republic 1701
Hungary 6968
India, Uttar Pradesh 7308
Indonesia 2179-2180, 7784
Japan 1102, 1104-1105, 2181, 2489, 8116-8117
Kenya 5754
Korea Republic 2866, 8115
Malaysia 8130
New Zealand 7305
Nigeria 1776
Philippines 547
Romania 6008
simulation 291
Taiwan 1443, 7296
Tropics 3660
UK 1702, 4531
USA
California 3655
Florida 3943
Oregon 3944
USSR 1, 2171
RSFSR 2862
Ukrainian SSR 8114
methodology 6077
microclimate 290, 1732, 2547, 4304, 4986-4987, 5392, 5755-5756, 6077, 7311, 7779, 7783
noise (*see also* Noise)
reviews 3660, 7778
simulation 3655, 3662
soil 1445, 1447, 2117, 2135, 2171, 2177, 2791, 2858, 3656-3657, 3660, 3978, 4268, 4302, 5188, 5392, 5753-5754, 6970, 7329, 7687, 7717, 7778, 7782, 7785-7786
*Abies* 3640
*Acacia* 1708, 4304, 7317
*Adansonia* 4304
*Alnus* 3658, 5402
*Balanites* 1708
*Betula* 7311
*Capparis* 1708
*Chamaecyparis* 1443
*Cinnamomum* 1444
Coniferae 4985
*Cordia* 3976
*Cryptomeria* 1443-1444, 4914
*Cunninghamia* 1397, 1443
*Cupressus* 4914
*Erythrina* 3976
*Eucalyptus* 3658, 3966, 4261, 4303, 6971, 7316
*Exbucklandia* 4914
*Fagus* 1446, 4265, 4267, 4301, 4985
*Gliricidia* 1773-1776, 3194
*Heyderia* 1443
*Juniperus* 5402
*Leucaena* 1773-1776, 3194, 5757
*Michelia* 865
*Phyllostachys* 1443
*Picea* 795, 1447, 2864, 3640, 6972, 7738
*Pinus* 293, 861, 1444, 2547, 3658, 4265, 4267, 4914, 6969, 7781
*Populus* 3966
*Prosopis* 1708, 2170, 6028, 6368, 6973
*Prunus* 5402
*Quercus* 4985, 7949
*Robinia* 4265
*Shorea* 865, 1444, 6971
*Tectona* 865, 1444, 6971
*Tilia* 4265, 4267
water pollution 1703, 2162, 2171, 2859-2860, 2865, 4022, 4293, 5731, 6369, 7304, 7307, 7777
**Forest inventories** (*see also* Regeneration surveys)
Austria 6301, 7658
bibliographies 4879
Canada 3553, 4878-4879

**Forest inventories** *cont.*
computer techniques 596, 3289, 4219, 4226, 4232, 4607, 6299, 6882, 6892
conferences 588, 4616-4617
damage 1426, 5682, 5811
data processing 211, 4218, 4228-4229, 6882, 6892
Ethiopia 6288
Europe 5682
Finland 4875, 6302, 6304
France 4873
German Democratic Republic 2755, 4225, 6293, 6298-6299
German Federal Republic 1426, 4231, 5807
history 4230
Indonesia 7660
Japan 2074-2075
Luxembourg 6892
methodology 776, 1375, 3561, 5678, 7653, 7656
Mexico 6893
New Zealand 212
Papua New Guinea 3289
Philippines 991, 3489, 6300
Poland 7654-7655
Puerto Rico 5680, 6882
sampling 211, 1169, 1369, 1374, 1426, 1835, 2073, 2078-2079, 3549, 3561, 4118, 4222, 4225, 4232, 4234, 4613, 5677-5678, 5681, 5685, 6303, 6882, 7654-7655, 7658-7662
simulation 2582, 4030, 5669, 6891-6892
Spain 4874
statistical methods 19, 2582, 4227, 7661
Sweden 535, 2756, 2762
Switzerland 776, 1366, 1817, 6432
Tanzania 1372-1373, 1841
Tropics 13, 1375, 7652
UK 4224, 4234, 7656
USA 765, 4226, 4234, 4616-4617, 6882
Alabama 5681, 6890
Alaska 4218
Arizona 7663
Arkansas 6890
Colorado 6884-6885
Idaho 6883
Indiana 4233
Iowa 4230
Louisiana 6890
Minnesota 4876
Mississippi 6890
Montana 6866
Nebraska 771
New Mexico 6886
Oklahoma 6890
Oregon 3561, 4228
Tennessee 6890
Texas 6890-6891
Virginia 6888
Wisconsin 1370
work study 7659
**Forest litter** (*see also* Humus)
chemistry 1445, 2105-2106, 2800, 3591, 3616, 4926, 5711-5712, 6917, 6921, 6924, 7704
damage 5366
decomposition 1788, 2106-2107, 2789, 3600, 3614, 4923, 6921, 7728
*Abies* 2109-2110, 2801
*Acer* 2111, 3591
*Alnus* 6330
*Anogeissus* 4926
*Avicennia* 3588, 5247, 7708
*Bruguiera* 3588, 5247, 7708
*Carissa* 4926
*Carpinus* 2802
*Carya* 2111, 3591
*Ceriops* 7708
conifers 6925
*Cordia* 4923
*Cryptomeria* 1407
*Eucalyptus* 7706
*Fagus* 2916, 3591, 4424, 5712
*Grewia* 4926
*Lannea* 4926
**Forest litter** *cont.*
decomposition *cont.*
*Larix* 2804
*Libocedrus* 2109-2110
*Liquidambar* 2799
*Lyonia* 807
Mangroves 1445
*Picea* 808, 2800, 4262, 5712, 6330, 6923
*Pinus* 804, 807, 2109-2110, 2113, 2800, 4262, 6330, 6920, 6926, 7706
*Populus* 6923
*Quercus* 804, 807, 2105, 2111, 3591, 6330, 6925-6926
*Rhizophora* 3588
*Rhus* 4926
*Sequoiadendron* 2109-2110
*Shorea* 807, 5714, 6926, 7706
*Taxus* 4262
*Tectona* 7706
erosion 794
fauna 1788, 2802, 3600, 4925, 4933, 6330, 6334, 6575, 6925, 7177-7178, 7708, 7715
fires 2186, 3590, 5711, 5713
fungi 1048, 1404, 2104, 2174, 2801, 3589, 4262, 4424, 4927, 5247, 5712, 6926, 6932, 7709
hydrology 2112
measurement 805, 2108, 2789, 3532, 5299, 7521, 7634, 7728
*Abies* 248, 2109, 5647
*Acacia* 2805
*Alnus* 1406, 3523, 6331
*Avicennia* 3588, 4909
*Bruguiera* 3588, 4909
*Cassia* 6352
*Castanea* 5711
*Chamaecyparis* 249
*Cryptomeria* 2112, 2803, 4914
*Cunninghamia* 2803
*Cupressus* 4914
*Eucalyptus* 3966, 7706
*Exbucklandia* 4914
*Fagus* 1411
*Fraxinus* 1406
*Larix* 5647
*Libocedrus* 2109
*Picea* 1411, 5647, 7702
*Pinus* 246-247, 2109, 2113, 3590, 4914, 5647, 5711, 6328, 6332, 7700, 7702, 7706
*Populus* 1406, 3966
*Pseudotsuga* 4928, 5713
*Quercus* 246, 1406
*Rhizophora* 3588, 4924
*Robinia* 247
*Salix* 1406
*Sequoia* 4928
*Sequoiadendron* 2109
*Shorea* 246, 7706
*Tectona* 7705-7706
*Tsuga* 248, 4928
*Ulmus* 1406
microorganisms 2107, 5247, 7708
nutrients 805, 2108, 2135, 3532, 3614, 4923, 7728
*Abies* 248, 2110
*Acacia* 2805
*Acer* 3591
*Alnus* 6330
*Anogeissus* 4926
*Carissa* 4926
*Carya* 3591
*Cassia* 6352
*Castanea* 5711
*Chamaecyparis* 4997
conifers 7715
*Cordia* 1420
*Cryptomeria* 2803, 7927
*Cunninghamia* 2803
*Erythrina* 1420
*Eucalyptus* 3966, 4922, 7706
*Fagus* 1409, 1411, 3591, 6914
*Grewia* 4926
*Joannesia* 3596
*Lannea* 4926
*Larix* 2804
*Libocedrus* 2110
*Liriodendron* 6922
**Forest litter** *cont.*
nutrients *cont.*
*Picea* 1411, 6330, 6914, 7702, 7729
*Pinus* 477, 806, 831, 1408-1409, 1939, 2110, 2113, 2186, 3596, 4922, 5711, 6328, 6330, 6922, 7700, 7702, 7706
*Populus* 3966
*Pseudotsuga* 4997
*Quercus* 831, 2186, 3591, 6330
*Rhus* 4926
*Robinia* 1408-1409, 6922
*Salix* 1594
*Sequoiadendron* 2110
*Shorea* 4922, 7706
*Tabebuia* 3596
*Tectona* 4922, 7705-7706
*Thuja* 4997
*Tsuga* 248, 4997
phytotoxicity 1048, 2541
respiration 5715
soil 2105, 3590, 6329, 6917
**Forest management** (*see also* Working plans; Yield regulation)
Africa 2602, 3543
Austria 7449, 7669
bibliographies 6664
Brazil 204, 580, 778, 5497, 6831, 6833, 6835
Canada 4229, 4612, 4868
British Columbia 3309, 3538
New Brunswick 4866
Quebec 6664
Central America 3552
Chile 6291
China 25
Nei Menggu 4870
computer techniques 25-26, 1155, 3537, 3541, 4219, 4221, 4229, 4637, 5466, 5664, 6286, 6299, 7420
conferences 582, 3266, 4612, 5461-5462, 5466, 5471, 6675, 7396, 7399
cooperatives 208, 6288
Costa Rica 7537
data processing 4221, 6286, 6299, 6880
Developing Countries 3552
ecology 1128, 1361, 1696, 3269, 3539, 4611, 4867, 4915, 5497, 6478
economics 151, 224, 227, 778, 1808, 2020, 2070, 2751, 2763-2764, 2768, 2771-2774, 3269, 3309, 3539, 3564-3565, 3568, 3570, 4238, 4673, 4847, 4868, 4893, 5461, 6315, 6696, 6831, 6833, 6835, 6881, 7669
Finland 6296
German Democratic Republic 3564, 4220, 5477, 6293
German Federal Republic 199, 3541, 4167, 7449, 7470
history 1173, 1850, 2588, 3294, 4220-4221, 4665, 4867, 5495, 6290, 6293, 6695, 7648
Hungary 4652
India 1368, 4867, 5493
Indonesia 1850
Iran 4915
Italy 3269
Ivory Coast 3543
Jamaica 1827
Japan 418, 3545, 7639
Korea Republic 208
Latin America 7396
Malaysia 1368
management units 5493, 6292, 6875, 6878, 7650
mathematics 7641
methodology 7656
Mexico 6695
multiple use 203, 1365, 1808, 2526-2527, 8178
Canada, British Columbia 4004
China 1690
Dominican Republic 2529
German Federal Republic 5686, 6294, 7427, 8171
Italy 3269
Korea Republic 7418
Mexico 7640
Nepal 5676

**Forest management** *cont.*
multiple use *cont.*
New Zealand 3544
North America 5462
Philippines 3542
Portugal 4538
UK 1361, 1696, 3272, 3961, 6021
USA 1360, 3310, 5367, 5494, 5672, 5675
Alabama 5410, 6315
Alaska 3662, 7439
Arizona 4519, 7640
California 4665, 5471
Colorado 4665
Georgia 1791, 6636
Idaho 4665
Indiana 1839
Nevada 4665
New Mexico 7640
Texas 7640
Utah 4665
Wyoming 4665
Nepal 1818, 4051
Netherlands 6478
New Zealand 4637
Nigeria 3543
Peru 6881
Philippines 1368
planning 1133, 1155, 1365, 1837, 2070, 2773, 3266, 3541, 5466, 6875, 7470, 7641
Belgium 6880
China 1690, 6289
Ethiopia 6288
Europe 6878
German Democratic Republic 3537, 4039, 4259, 6286-6287, 6290, 6292-6293, 6299, 6617
German Federal Republic 1363, 5664, 8107
Greece 6067
Italy 6874
Japan 7648
Korea Republic 2751
Nepal 5676
New Zealand 3290
Philippines 3542
Poland 6877
Switzerland 1366, 7399, 7649
USA 582, 4052, 5494, 5683
Alaska 7439
California 4665
Colorado 4665
Idaho 4665
Nevada 4665
Utah 4665
Wyoming 4665
Yugoslavia 6878
Poland 3547, 6675
Portugal 4538
research 3266, 7449
reviews 4221
Sahel 104
silviculture 199, 3311, 3542, 4167, 4867, 5477, 5514, 6286, 6295, 6617, 7470, 7537
simulation 1133, 1155, 1365, 1837, 1839, 2068, 2772, 3546, 4017, 4032, 4519, 5669, 6874, 6876, 6880, 7418, 7641
Sri Lanka 4611
St. Helena 1181
statistical methods 1834, 6876
Sweden 151, 3294
Switzerland 6295, 7449, 7649
Taiwan 2763-2764
Tanzania 1841
terminologies 7392
theory 1834, 3546, 5602, 5674, 7641
Tropics 204, 599, 1813, 3568, 7396
Uganda 3543
UK 1128, 4560, 7656
USA 224, 2753, 4052, 4229, 4893, 5367, 5466-5467, 5619, 5675, 5716, 6696
Arizona 4217
Arkansas 769
California 4665
Colorado 4665
Georgia 40, 1182
Idaho 4665, 5212, 5842

**Forest management** *cont.*
USA *cont.*
Louisiana 769
Minnesota 1359
Mississippi 769
Nevada 4665
New Jersey 5495
Utah 4665
Wyoming 4665
USSR, RSFSR 2066
Vanuatu 3311
West Africa 3552
Yugoslavia 4653
**Forest nurseries** (*see* Nurseries)
**Forest ownership** 601, 764, 1127, 1359, 1848-1849, 2736, 3214, 4654, 4664, 4868, 6296, 6694, 6883-6885, 7327, 7453
books 4012
**Forest parks** (*see* Amenity forests)
**Forest plantations** (*see* Plantations)
**Forest policy** 5514
(*see also* Forestry development)
Austria 6115
books 1814, 4012
Cape Verde 36
economics 6018
Europe 5491, 6102, 7425, 7429
European Communities 7424
German Federal Republic 6115
history 1850, 7429
India 4659, 5493
Indonesia 1850
Ivory Coast 1846
Japan 1185, 3304-3305
methodology 1832
Nepal 4051, 6025
Netherlands 2594
New Zealand 7443
North America 6102
simulation 1846
Switzerland 6107
theory 1832
Tropics 30, 599
UK 603, 1115, 1814, 4046, 4048, 4140, 6018, 6021
Upland Areas 1814
USA 4012, 4052
USSR 1, 4658
USSR Far East 1844
**Forest recreation**
books 1809
Brazil 580, 1132
Caribbean 6673
conferences 6087-6088, 6673
Czechoslovakia 566, 4562, 5425, 5995, 6066
damage 4003, 6066, 6633, 7359, 8172
ecology 3233, 3269, 7099, 7359
economics 1791, 2557, 4561-4562, 6636, 7358
Finland 5428
German Federal Republic 3235, 5686
Greece 6634
history 1809, 4661
Italy 3269, 5426
Japan 8173
Korea Republic 8172, 8174
management 231, 1791, 3234, 3269, 5426, 6635-6636, 7357, 7359, 7682
mathematics 566
methodology 566, 2557, 4562, 5425, 7358
Netherlands 231
Nigeria 4561
Poland 7357
Switzerland 4003
Turkey 1792
UK 6021
USA 6087-6088
Alabama 7360
Arizona 6635, 6637
Colorado 2557
Georgia 1791, 6636, 7358
Idaho 1809
Illinois 2556
Minnesota 567, 1359
Montana 7359
North Carolina 4661
Oregon 1809

**Forest recreation** *cont.*
USA *cont.*
Utah 6635
Virginia 4661
Washington 1809
Wyoming 6635
USSR 7779
Byelorussian SSR 7682
RSFSR 3233
Siberia 6633
Ukrainian SSR 7099
Yugoslavia 4653
**Forest resources** (*see also* Forest statistics)
books 3
Chile 5448
China 34
Zhejiang 2770
computer techniques 4607
damage 766-767, 6887, 6889
European Communities 3292
history 5495
India, Karnataka 2291
Jamaica 1827
Lao 1845
Malaysia 1279
mathematics 34
methodology 2760
New Zealand 4017
Pakistan 3298
Philippines 3489
Poland 6689, 6902
simulation 20, 4017, 5496
South East Asia 2568
St. Vincent and Grenadines 763
statistical methods 2583
Tropics 13, 770
USA 210, 764, 5496
Alabama 767
Arkansas 769
Colorado 6884
Idaho 6883
Illinois 1371
Louisiana 769, 6889
Mississippi 769
New Hampshire 6605
New Jersey 5495
Oklahoma 2736
Tennessee 766
Vermont 6604
Virginia 6887
Wisconsin 1370
USSR 6690
RSFSR 2587, 4044
USSR Far East 1844
**Forest soils** (*see* Soil types)
**Forest statistics** 38, 765, 768, 4876, 6108-6109, 6287, 6290
periodicals 6074
**Forest surveys** (*see* Forest inventories; Forest resources; Forest statistics)
**Forest types** (*see* Vegetation types)
**Forestry**
arid regions 1161
Australia 1819, 1822
Austria 5492
Bhutan 4584
bibliographies 5, 4016
books 573, 1145, 3253, 3256, 4583-4584, 7386
Canada 38
British Columbia 47
Canadian Northwest Territories 37
Chile 6697
China 4050
classification 7381
Commonwealth of Nations 1195
conferences 4023
Costa Rica 4676
Developing Countries 29, 3291, 4650, 8136
economics 1180, 5492
environment 125, 591, 3254, 3269, 3539, 4580, 5382, 5427, 6079, 6102
Europe 3253, 4047
Finland 4023
German Democratic Republic 4043, 6104
German Federal Republic 7428, 7433
Ghana 7386

**Forestry** *cont.*
history 1144-1145, 1819, 3306, 4047, 4050, 4583, 7426
Hungary 4652
India 591, 1787, 5503
Uttar Pradesh 1177, 1723
Indonesia 1850
Italy 3269, 3539
Japan 4583
Kenya 1180, 3256, 4580
Korea Democratic People's Republic 3302
labour 47
Lao 1179
Lesotho 7437
machinery 7393, 7587
Mexico 6693
Nepal 573, 607, 611, 1818, 2548, 4584
North America 3253
Pakistan 3298
Poland 3547, 7426
research 3320-3321, 4055-4057, 4651, 6119, 6702
rural economy 4580
Sabah 3301
sociology 597, 599, 1110, 1180, 1787, 1818, 1850-1851, 1853, 2545, 2767, 3960, 4023, 4537, 4580, 4676, 5370, 6059, 6061, 6102, 7324, 8136
Somalia 7436, 7438
Spain 6317
Sri Lanka 3306
St. Helena 1181
Switzerland 1817, 6119, 7430
Syria 7435
Tropics 4651
UK 603, 3961
USA 1144
Hawaii 39
USSR 3253-3254
Vanuatu 3311
Vietnam 1178
Yemen Arab Republic 4668-4669
Yugoslavia 4653, 7432
Zaire 3308
**Forestry development** 6114
Bangladesh 1782, 2590
bibliographies 7388
books 4585, 4587
Brazil 5497
China, Zhejiang 2770
Developing Countries 597, 7388
Djibouti 6112
Dominican Republic 1183, 8167
economics 597
European Communities 6688
history 3303
India 4659
Himachal Pradesh 1148
Uttar Pradesh 1723
Indonesia 2085
Japan 3303
Latin America 4587
Lesotho 1847, 2591
Nepal 33, 121, 4585
Netherlands 31-32
Nigeria 4660
Somalia 3178, 6111, 6691-6692, 7438
Tropics 30-32, 599, 5381
Vietnam 1853
Zaire 3308
***Forficula auricularia*** 8079
**Form factors** 179, 1338, 4839-4840, 6855, 7608, 7610
(*see also* Stem form, taper)
**Form quotients** 1338
***Formanodendron doichangensis,*** taxonomy 387
***Formica*** 3889
books 6655
***Formica polyctena*** 3889, 7214, 7267
***Formica pratensis*** 3889, 7214
***Formica rufa*** 3889, 7214
**Formicidae** 2411, 3889, 3924
***Forsythia intermedia,*** nurseries 3237
***Forsythia viridissima***
acid rain 7754
afforestation 3947
plant nutrition 7754
**France**
agroforestry 8161
air pollution 4019
artificial regeneration 1286
biomass 6865
breeding programmes 6321
*Carpinus betulus* 3687
choice of species 55-56, 1208, 1217
climate 3756
controlled burning 2186
coppice 2694, 6865
data processing 4638
dendrochronology 4019, 4572
dieback 3756, 4019
*Dioryctria sylvestrella* 7205
direct sowing 1295
dunes 256
energy relations 5700
evaporation 5700
*Fagus sylvatica* 5837
forest fires 301
forest inventories 4873
forest litter 1406
frost injury 1393
growth models 4638
*Hylobius abietis* 1671
*Hyphantria cunea* 5315
*Ips* 3911
*Ips sexdentatus* 1669
*Juniperus phoenicea* 256
*Lophodermium seditiosum* 5292
microclimate 5700
*Monarthropalpus buxi* 5962
natural regeneration 1286
phenology 1393, 1805
*Phytobia cambii* 3131
*Pinus halepensis* 301
*Pinus pinaster* 960, 1295, 7205
*Pinus sylvestris* 3911
*Pinus uncinata* 7081
*Pissodes costatus* 3908
planting 1295
pollen 7081
*Populus* 4931
*Populus* 'I-214' 4931
provenance 2578, 6321
*Pseudotsuga menziesii* 2578
*Quercus* 1286
*Quercus coccifera* 301
*Quercus ilex* 2694
remote sensing 3554
*Salix alba* 1406
site types 4931
soil water balance 4934
stand characteristics 5837
street trees 6082
synecology 960
thinning 6236
*Tomicus piniperda* 3910
training 1189
transpiration 4934
tree breeding 4423
urban forestry 6082
vegetation types 1805
virgin forests 5837
***Frankia*** 54, 277, 451, 1626-1627, 1826, 1830, 1923-1924, 1941-1943, 2124-2126, 2128-2129, 2256-2257, 2369-2379, 3328, 3859, 4427-4428, 5019, 5255, 5883, 6944, 7508, 7985, 7989
***Frankia alni*** 1922
***Franklinia alatamaha***
seeds 2560
vegetative propagation 2560
***Fraxinus***
air pollution 4952
diameter 5638
foliage 4952
growth models 6642
height 5638
increment 6642
insect pests
*Apogonia* 7237
*Holotrichia* 7237
*Lepidosaphes* 7187
*Metabolus* 7237
stand characteristics 5368
urban forestry 6642
wildlife 5368
wood properties 7006
***Fraxinus americana***
acid rain 2149, 4973
air pollution 2149, 4973
control 5591
cytology 5027
dormancy 3749
earlywood 2888
German Federal Republic 2614
growth regulators 7049
increment 3526
insect pests, Cecidomyiidae 4496
latewood 2888
mycoplasmal diseases 5904
natural regeneration 2661, 6779
plant composition 5027
seed dispersal 5824
seeds 3749
soil chemistry 2103
wood anatomy 2888
***Fraxinus angustifolia***
air pollution 4954
crown 2292
dieback 4954
forest litter 1406
stand characteristics 2292
***Fraxinus berlandieriana,*** forest influences 2855
***Fraxinus excelsior***
agroforestry 4552
amelioration of forest sites 681
branches 5776
bud culture 4096
buds 913, 6936
containers 7371
crown 2966
deer 2469
diameter 5639
dormancy 3749, 6936
fertilizers 7371
forest influences 2176
German Federal Republic 1297
habit 5776
increment 1366, 2727
Oligochaeta 3135
ornamental woody plants 7371
palaeoecology 2995
plant composition 913, 2176
plant disorders 2966
plant nutrition 2727
plant water relations 2727, 6936
planting stock 7371
roots 2966
seedlings 3749
seeds 3749
shoot cuttings 4096
silvicultural characters 2727, 4320
soil amendments 681
soil chemistry 2727
underplanting 4163
volume determination 5639
volume tables 4844
weed control 2688
wind damage 4908
yield tables 5663
***Fraxinus lanceolata,*** ornamental woody plants 6650
***Fraxinus mandshurica***
photosynthesis 7722
plant water relations 7722
salt tolerance 7722
seeds 65
***Fraxinus micrantha***
foliage 2134
plant composition 2134
seeds 1233
***Fraxinus nigra***
evapotranspiration 5086
mycoplasmal diseases 8019
silviculture 4813
stomata 5086
synecology 957
***Fraxinus oxycarpa***
genetics 3838
pollen 3838
***Fraxinus pennsylvanica***
acid rain 4973
air pollution 4973, 6948
birds 1088
callus 5041
containers 4111
crown 1331

***Fraxinus pennsylvanica*** *cont.*
fertilizers 4107
flowers 2223, 6576
forest litter 4925
galls 6576
increment 5645, 8120
linear plantations 8120
mortality 5611
mulching 5436
mycorrhizas 460
plant composition 909
plant physiology 6948
plant succession 2314
planting stock 2646, 6643
root pruning 4111, 6643
roots 2646, 5039, 5436
soil types 5611
translocation 6948
transplanting 6643, 7368
tree breeding 6501
weed control 5645
wounds 5041
***Fraxinus rhynchophylla***
mined land 797
plant composition 797
soil chemistry 797
***Fraxinus spaethiana,*** fibres 1475, 7823
***Fraxinus velutina,*** insect pests, *Dynastes* 5952
**French Guiana**
*Andira coriacea* 7633
*Aniba rosaeodora* 7590
Arecaceae 7795
biomass 7634
*Carapa procera* 7633
*Caryocar glabrum* 7633
*Couma guianensis* 7831
dendrochronology 7633
*Dicorynia guianensis* 7633
edible species 7795
*Eperua falcata* 7807, 7828
*Eperua grandiflora* 7807, 7828
*Eperua rubiginosa* 7807, 7828
*Eriotheca crassa* 7831
erosion 8127
*Eschweilera amara* 7831
*Eucalyptus urophylla* 8127
*Euterpe oleracea* 7795
extractives 7590
felling 7533
forest administration 7441
forest litter 2108, 7634
fruit 7795
*Goupia glabra* 7633
*Jacaranda copaia* 7633
land use 8127
latex 7590
*Licania* 7817
mangroves 7795
*Manilkara bidentata* 7590
*Micropholis guyanensis* 7817
natural regeneration 7533
*Ocotea* 7817
*Ocotea rubra* 7633
*Pinus caribaea* 8127
plant succession 7955-7956
*Quassia simarouba* 7633
*Ragala sanguinolenta* 7817
secondary forests 7956
silvicultural systems 7533
skidding 7533
species diversity 7939
*Symphonia globulifera* 7633
synecology 7922, 7939, 7955
*Terminalia ivorensis* 8127
*Tetragastris* 7831
thinning 7533
*Virola melinonii* 7633
watersheds 8127
**French Polynesia,** *Pandanus tectorius* 5815
**Frost injury** 69, 124, 239, 784-785, 1393, 1396, 2779, 2782, 2785, 3279, 3577, 3627, 4905, 5104, 5517, 6217, 7063
books 5456
**Frost resistance**
*Abies* 1213
*Acacia* 4690, 7676
*Albizia* 7676
*Alnus* 3340, 5703
*Atherosperma* 6908
*Athrotaxis* 6908
**Frost resistance** *cont.*
*Camellia* 4252
*Cassia* 7676
*Castanea* 1030
*Cryptomeria* 6938
*Cupressus* 4252
*Dalbergia* 7676
*Desfontainia* 4252
*Eucalyptus* 3340, 3353, 3579, 6321-6322, 6780, 6907
*Eucryphia* 6908
*Gliricidia* 6138
*Juglans* 3574
*Juniperus* 4252
*Lagarostrobus* 6908
*Leucaena* 6138, 7676
methodology 1833, 3829, 4907, 6677
*Nothofagus* 1391-1392, 2786, 4906, 6908
*Paulownia* 7117
*Peltophorum* 7676
*Phyllanthus* 7676
*Phyllocladus* 6908
*Picea* 3575, 4907, 4956
*Pinus* 2947, 3829, 4254
*Pongamia* 7676
*Populus* 3340
*Pseudotsuga* 1213, 5529
*Sambucus* 1390
*Terminalia* 7676
*Yucca* 4252
**Fruit** 1888, 1894, 3786
(*see also* Cones; Seeds)
anatomy 2202, 5018, 5022
chemistry 336, 1502, 1512, 1529, 1548, 2244, 2896, 2908, 3691, 3717, 3728-3729, 3732, 4333, 4336, 4343, 5057, 5082, 6413, 7009, 7028, 7597, 7839, 7847, 7868, 7880
damage 6434
development 1580, 1882, 2202, 3768, 4703, 5022, 5125, 5815, 6441, 6743
edible species 159, 2244, 3479, 7039, 7795
*Artocarpus* 6269
*Capparis* 4333
*Crataegus* 6264
*Durio* 6269
*Eugenia* 6269
*Euterpe oleracea* 2691, 6833
*Ficus* 6374
*Fragaria vesca* 6264
*Juniperus communis* 6413
*Mangifera* 6269
*Nephelium* 6269
*Prunus spinosa* 6264
*Rosa* 6264
*Rubus* 5623, 6264
*Sambucus nigra* 6264
*Sorbus aucuparia* 6264
*Tetrapleura* 7484
*Vaccinium* 5623, 6264, 8157
measurement 2218-2219
morphology 1882, 2218-2219, 3687, 4324, 5021, 6990, 7485
pests 3065, 6434, 7233
shedding 5125, 6434
statistical methods 3687
uses 3478, 3691, 6031, 7484, 7580
**Fruiting** 370, 1901, 2263, 2703, 4322, 4361, 4394, 5822, 7803, 7898
**Fuel plantations**
Africa 2602
Botswana 6060
Brazil 227
Cameroon 8150
Central America 699, 3324
Costa Rica 2052
economics 227, 2606, 3324, 6116
Ecuador 6872
German Federal Republic 2604
Hungary 5512, 5649
India 2606, 4677
Gujarat 2057
Lesotho 6060
Malawi 6060
Namibia 6060
Nepal 33, 51, 121
New Zealand 1199
**Fuel plantations** *cont.*
Puerto Rico 1855
research 4677
Somalia 2603, 3006, 3218, 6111
South Africa 6060
Swaziland 6060
Tropics 4678
USA 6116
Vanuatu 4064
**Fuelwood**
Africa 2602
Brazil 2616
Canada, Newfoundland 1292
economics 4680
Haiti 4679
India 1749, 4518, 4620
Himachal Pradesh 1148
Italy 664
Kenya 3217
Nepal 3185
resources 1193, 4678
Cape Verde 36
Developing Countries 3960
Ethiopia 4884
India, Uttar Pradesh 3326
Nigeria 3325
Sri Lanka 2607
Sudan 3318
Switzerland 2605
USA, Minnesota 4680
USSR, Byelorussian SSR 7459
Zaire 2745
Zambia 3963
Sierra Leone 7321
simulation 664
Sri Lanka 5414
Thailand 7467
Tropics 30, 4678
USA, Texas 5892
**Fumigants** 2387, 4116, 6202, 6771, 7163
(*see also* Fungicides; Insecticides; Soil sterilization)
**Fungal diseases**
assessment 1631, 4763, 5286, 8017
biology 471, 488, 1644, 3047, 3275, 3877, 4010, 4441, 5265, 5275, 5284-5285, 5294, 5885, 6513, 6518, 7163, 8014
books 5456, 6661, 7142
computer techniques 7423
control 1158, 1631, 1647, 2387, 3058, 3406, 4010, 4448, 4453, 8078
*Agaricodochium* 3060
*Alternaria* 7999
*Botryodiplodia* 3862-3863, 4429
*Botrytis* 3881
*Cercospora* 5267, 5283
*Cochliobolus* 5265
*Colletotrichum* 4429, 5265
*Corticium* 4429, 5267
*Cryptodiaporthe* 3886
*Curvularia* 5265
*Cylindrocladium* 4449
*Deptoshaeria* 7999
*Discula* 5288
*Fusarium* 3862, 5265, 5905, 7999
*Gibberella* 5293, 5905
*Glomerella* 4429, 4452, 5267
*Gnomonia* 5294, 8083
*Lophodermium* 490, 5292, 7147, 7163
*Macrophomina* 7999
*Meliola* 4429
*Myrothecium* 5267
*Pestalotiopsis* 5265, 6518
*Phoma* 7999
*Phomopsis* 3862, 5265, 7999
*Phytophthora* 3883
*Pythium* 4429
*Rhizoctonia* 473, 3862-3863, 4429, 5263, 5265, 5267
*Sarocladium* 4446
*Sirococcus* 6523
*Sphaerotheca* 2404
*Uredo* 5267
damage 478, 2384, 3870, 4010, 5262, 5266, 5456, 5575, 5804, 5886, 7146, 7160, 8000, 8078
data processing 1188
detection 3275, 3279, 3406, 7145
distribution 466-469, 3046, 3870, 5899

**Fungal diseases** *cont.*
ecology 448, 466, 490, 1632, 1635, 1650, 2297, 2363, 2384, 2399, 2414, 3053, 3070, 3862-3863, 4429, 4446, 5265, 5267, 5271, 6356, 7160, 7162
forecasting 6975
increment 4444, 7147
infection 1632, 1635, 3047, 3863, 3865, 3869, 5285, 7146, 7149, 7165, 8072
maps 470
methodology 482, 2076, 2957, 3275, 4425
plant physiology 1630, 2397, 2957, 7143, 7849
resistance 3054
*Abies* 4431, 7996
*Bambusa* 4446
*Cunninghamia* 5268
*Larix* 4431
*Libocedrus* 4431, 7996
*Picea* 4431, 7144
*Pinus* 488-489, 2397, 4431, 5276, 6711, 7996
*Populus* 2398, 7148
*Pseudotsuga* 4431, 4445, 5854, 7144, 7996
*Quercus* 5262
*Tsuga* 4431
reviews 6661
symptoms 473, 478, 1652, 2385, 2399, 3070, 3862-3863, 4010, 4429, 4441-4444, 4446, 5262-5263, 5265-5267, 5283, 5288, 5294, 5575, 5814, 5885-5886, 6518, 7163, 7995, 7999
taxonomy 474-475, 482, 1636, 4442
wounds 3863
**Fungi**
biology 5284
culture techniques 7141
ecology 448, 1042, 1623, 2104, 2187, 2362-2364, 2826, 3851, 5247-5248, 6932, 7130, 7141, 7219
identification 7141
inhibitors 2402-2403
morphology 482
taxonomy 464, 474, 482, 7141
**Fungicides**
aerial application 6680
Ambam 7163
anilazine 3881
benomyl 661, 3432, 3882, 3885-3886, 4449, 5269, 5907-5908, 6192, 6757, 7147
benzimidazole 5295
bitertanol 3882
Bordeaux mixture 3060
captafol 1647, 3882
captan 1647, 3881, 5263, 5908, 6518, 6771-6772
carbamates 5293
carbendazim 493, 2405, 3060, 3863, 5292, 6518, 7999, 8083
carboxin 5263
chloroneb 5565
chloropicrin 4116, 5908
chlorothalonil 3882, 3885, 5288, 6523, 7147
copper fungicides 1647, 2404, 3882, 3886, 5294, 5908
dazomet 4116, 6771
dicloran 3881, 6192, 6772
diniconazole 3885
dithianon 3882
ecology 3059
equipment 2015, 6828
ferbam 5906
flutriafol 5292
folpet 3881
formaldehyde 2387
fosetyl 493, 3886
fytolan 6518
German Federal Republic 3057, 6828, 7279
imazalil 3885
iprodione 3881
mancozeb 3059, 3882, 3885-3886, 5288, 5907, 6518, 6757, 7999
maneb 7147
**Fungicides** *cont.*
metabolism 2957
metalaxyl 493, 3886
metham 4116
methodology 2957, 3884, 5431-5432, 7257
2-methoxyethyl chloride 5263
methyl bromide 2387, 4116
methyl isothiocyanate 5908
organotin fungicides 6522
oxycarboxin 3882
penconazole 6523
pentachlorophenol 7178
persistence 2405, 3059
phytotoxicity 3882, 5565, 6772
propamocarb 1647, 5907
propiconazole 661, 3882, 3886, 6523
quintozene 5263
soil 3059, 5565
sulfur 7163
systemic action 2405
thiabendazole 5294, 5432, 8083
thiophanate 3060, 3886
thiram 1272, 3375, 3881, 4449, 6771
tolylfluanid 6757
toxicity 7178
triadimefon 3886, 5292, 5906, 6523
triadimenol 3882
triforine 3882, 3886
Tuzet 3060
USSR 7261
vinclozolin 6757
zinc 1647
***Fusarium*** 493, 2384, 3404, 5266, 6513
***Fusarium equiseti*** 2384
***Fusarium oxysporum*** 480, 1053, 2384, 2402-2403, 2654, 5265-5266, 5886, 5905, 7169, 7998-7999
***Fusarium pallidoroseum*** 7995
***Fusarium roseum*** 1053
***Fusarium sacchari*** 5266
***Fusarium solani*** 2343, 3862-3863
***Fusarium sporotrichioides*** 6158, 7143
**Gabon,** *Microdesmis afrodecandra* 1585
***Galerucella venustula*** 8054
***Galleria mellonella*** 1685
***Gallesia gorarema,*** genetics 1037
**Galls** 1532, 2444-2445, 3892, 4334, 4447, 4464, 4501-4503, 5325, 5896, 5933, 5957-5960, 6530, 6542, 6571, 6573-6574, 6576, 7166, 7238, 7241, 7243, 8022-8023
***Gambeya africana,*** taxonomy 7066
**Game** (*see* Birds; Wildlife)
***Ganoderma applanatum*** 4434, 5712
***Garcinia,*** synecology 1598
***Garcinia cambogia***
gums 7819
resin canals 7819
resins 7819
***Garcinia celebica,*** synecology 406
***Garcinia cola***
medicinal plants 7840
plant composition 7840
roots 7840
***Garcinia indica***
foliage 2260
optical properties 2260
***Garcinia nervosa,*** plant composition 1500
***Garcinia pedunculata***
benzophenones 3717
fruit 3717
***Garcinia polyantha,*** plant composition 1500
***Garcinia pyrifera,*** plant composition 1500
***Garcinia xishuanbannanensis***
bark 1488
plant composition 1488
***Garuga pinnata,*** shoot cuttings 5630
**Gas exchange** 360, 742, 1167, 1571, 2130, 2154, 2256-2257, 5098, 5108, 5478, 6425, 7242
reviews 4345
***Gaultheria shallon*** 3460, 3512
***Gaylussacia baccata***
flowering 7803
fruiting 7803
***Gelidocalamus latifolius,*** taxonomy 1588
***Gelidocalamus longiinternodus,*** taxonomy 940
**Genetics** 7964
(*see also* Chromosomes; Hybrids; Pollination; Tree breeding)
biochemistry 430-431, 436, 585, 1018, 1032, 1618-1619, 2339-2341, 3832-3833, 3846, 4413, 4417, 4421, 4624, 6491, 7963
books 1804, 7387
conferences 583, 585, 1160, 1804, 1824, 4618, 7397
ecology 432-433, 3025
economics 7397
gene flow 1015, 1033, 1618-1619, 2353, 2356, 6490, 7397, 7980
genetic resources 585, 1036, 2326, 2347, 2349, 2351, 2623, 4418, 4420, 4822, 5235, 6112, 6487-6488, 6502, 7387, 7397, 7962, 7968
inbreeding 437, 5857, 5860
inheritance 431-432, 444, 638, 857, 1020-1021, 1025, 1030-1031, 1609, 1613, 2334, 2337, 2361, 3029, 3036-3037, 4078, 4338, 4421, 4445, 5228, 5230, 5234, 5238-5239, 5282, 5861, 7109, 7725
methodology 1919, 2334, 2339, 4406, 4408, 4421
mutations 1611, 6498, 7491
natural selection 585, 1618, 2416, 4800
plant physiology 433, 2339, 7984
ploidy 7114, 7116, 7122-7123
research 2597
reviews 7963, 7984
silviculture 6486
simulation 1033, 1613
statistical methods 1618, 5239
theory 4408
variation 2328, 6931, 7503, 7963, 7979
*Abies sachalinensis* 238
*Acacia albida* 5532
*Acacia senegal* 5863
*Alnus* 2352
*Alnus cordata* 638
*Alnus glutinosa* 4684
*Alnus rubra* 5703
*Amelanchier alnifolia* 7061
*Asimina triloba* 4405
*Astronium urundeuva* 1039
*Bertholletia excelsa* 2329
*Betula caerulea* 1621
*Betula cordifolia* 1621
*Betula oycoviensis* 2354
*Betula papyrifera* 1621, 2352
*Betula pendula* 2336
*Betula populifolia* 1621
*Bombax malabaricum* 5242
*Calamus burckianus* 2219
*Caragana microphylla* 6499
*Cariniana legalis* 1035
*Castanea sativa* 5246
*Casuarina cunninghamiana* 2348-2349
*Cedrela odorata* 3845
*Cedrus deodara* 2341
*Ceriops australis* 2270
*Ceriops decandra* 2270
*Ceriops tagal* 2270
*Chamaecyparis obtusa* 1025, 6939
*Chimonobambusa quadrangularis* 3040
*Cinnamomum osmophloeum* 443
*Cryptomeria japonica* 1617, 6497, 7042, 7976
*Cunninghamia lanceolata* 430, 625, 5124, 6730
*Dipteryx alata* 616
*Eucalyptus* 1823, 2194
*Eucalyptus camaldulensis* 910
*Eucalyptus citriodora* 3336
*Eucalyptus diversicolor* 2347
*Eucalyptus grandis* 1041, 3840, 4984, 5861
*Eucalyptus grandis* × *E. urophylla* 1041
*Eucalyptus gunnii* 6321, 6907
*Eucalyptus incrassata* 910
*Eucalyptus miniata* 910
*Eucalyptus paliformis* 5243
*Eucalyptus parvifolia* 5243
*Eucalyptus pauciflora* 910

variation *cont.*
*Eucalyptus saligna* 1041
*Eucalyptus urophylla* 856
*Fagus sylvatica* 1028
*Fraxinus oxycarpa* 3838
*Gallesia gorarema* 1037
*Gleditsia triacanthos* 7159
*Gliricidia sepium* 1871
*Juglans californica* 3035
*Juglans hindsii* 3035
*Larix* 581
*Larix laricina* 3832
*Leucaena* 5975-5977, 6416
*Leucaena leucocephala* 5864, 6137, 6416
*Macrozamia communis* 5121
*Maytenus boaria* 6500
*Moringa oleifera* 5859
*Morus* 7113
*Nerium oleander* 910
*Paulownia tomentosa* 7117
*Peltophorum dubium* 1036, 2615
*Picea abies* 3025, 3032, 4413-4414, 7222
*Picea mariana* 5238
*Picea meyeri* 1018
*Pinus banksiana* 1019, 3833, 5232, 5856
*Pinus banksiana* × *P. contorta* 5856
*Pinus contorta* 1618, 3833, 5012, 5282, 5856
*Pinus densiflora* 435, 1021, 1023, 1610
*Pinus elliottii* 1614-1615, 5236
*Pinus flexilis* 1619
*Pinus halepensis* 5156
*Pinus koraiensis* 436, 1022
*Pinus lambertiana* 3830
*Pinus massoniana* 7975
*Pinus monophylla* 2914
*Pinus monticola* 5230
*Pinus mugo* 1016-1017
*Pinus palustris* 7158
*Pinus pinaster* 4417, 6129
*Pinus ponderosa* 431-433, 3033, 4416
*Pinus rigida* 850
*Pinus roxburghii* 2341
*Pinus sylvestris* 1881, 2610, 4076, 5855
*Pinus taeda* 2165, 3829, 5233
*Pinus torreyana* 4405
*Pinus wallichiana* 2341
*Pithecellobium pedicellare* 2329
*Populus* 271, 889, 2398, 7984
*Populus alba* × *P. glandulosa* 1029
*Populus angustifolia* 2356
*Populus balsamifera* 1031-1032
*Populus canadensis* 2358
*Populus deltoides* 1921, 2343, 3385, 3847, 4405, 8016
*Populus fremontii* 2356
*Populus koreana* × *P. nigra* var. *italica* 1029
*Populus maximowiczii* × *P. nigra* 444, 1029
*Populus nigra* 2357
*Populus tremuloides* 3871-3872, 4405, 5893
*Prunus serotina* 5244
*Pseudotsuga menziesii* 932, 3831, 4445, 5854, 6491
*Pterogyne nitens* 1038
*Quercus* 3789
*Quercus ilex* 624
*Quercus robur* 4073, 5524
*Quercus rubra* 6503
*Rhizophora stylosa* 4624
*Salix alba* 3847
*Salix amygdaloides* 4693
*Salix aquatica* 1911
*Salix caprea* 1911
*Salix eriocephala* 4693
*Salix exigua* 4693
*Salix lasiolepis* 5957
*Salix lucida* 4693
*Salix purpurea* × *S. viminalis* 1911
*Salix viminalis* 1911
variation *cont.*
*Santalum album* 5819
*Sorbus* 2359
*Tectona grandis* 5240
*Thuja orientalis* 7971
*Ulmus davidiana* 5157
*Ulmus minor* 5157
*Ulmus parvifolia* 5157
*Ulmus pumila* 5157
**Geology** 4246, 4529, 6346
**Geometridae** 7255
***Geonoma***
altitude 5191
synecology 5191
**Germam Federal Republic,** choice of species 4169
**German Democratic Republic**
accounting 1383
acid rain 2850, 6956
afforestation 6251, 7517
air pollution 4074, 4080, 4284, 4965, 6096, 6161, 6176, 6179, 6228, 6343, 6532, 6709, 6956, 7749
aircraft 1449
amelioration of forest sites 4104, 4264-4265, 4267, 6176, 6179
assortments 6275
biotechnology 1175
bogs 5850, 6467
Bombinae 7176
browsing damage 544
*Bupalus piniarius* 1653
*Calliteara pudibunda* 1663
*Castor fiber* 544
choice of species 1213, 4080
Christmas trees 1320
computer techniques 1172, 6286, 6299
cost analysis 6099, 6311
*Dendrolimus pini* 1653
dieback 927, 4284, 4965, 6346, 6430
*Diprion pini* 1653
drainage 4274, 5850, 6225
economics 1384, 1386, 2772, 4039, 4237, 6310
education 6117
*Fagus sylvatica* 6212, 6279
fens 5850, 6467
fertilizers 1263, 4104, 6175, 6177-6179, 6328, 6361, 7517
forest administration 1197, 4176
forest fires 1448-1449, 6569, 6581
forest inventories 2755, 4225, 6293, 6298-6299
forest management 3537, 3564, 4220, 4259, 5477, 6286-6287, 6290, 6292-6293, 6299, 6617
forest statistics 6287, 6290
forestry 4043, 6104
grasses 6228
helicopters 1449
herbicides 4122
history 1174, 2586, 2588, 4043, 6287, 6290, 7454
hunting 2586
*Hylobius abietis* 4513
increment 7628
insect pests 6532
insecticides 4509
irrigation 6225
labour 1197
*Larix decidua* 6245, 6272
linear plantations 2755
loess soils 4154
*Lymantria monacha* 1653, 6556
machinery 1386, 6253-6255, 6257, 6259
mechanization 4176, 6249-6251
*Melanophila acuminata* 6569, 6581
mine spoil 2643, 6178, 6617
nature conservation 6467, 7176
*Nectria radicicola* 6512
nurseries 1194, 1276, 4118, 4120, 4122, 6177, 6253-6255
organizations 1194, 5506, 7454
*Otiorhynchus ovatus* 5968
*Otiorhynchus raucus* 5968
*Otiorhynchus sulcatus* 5968
palaeoecology 6465
*Panolis flammea* 1653
peat 5850
*Phaenops cyanea* 6569, 6581
**German Democratic Republic** *cont.*
*Phaenops formaneki* 6569
*Picea abies* 2833, 6161
*Picea omorika* 1210
*Picea sitchensis* 4513
*Pinus contorta* 1211
*Pinus nigra* 4278
*Pinus peuce* 4080
*Pinus strobus* 3333
*Pinus sylvestris* 2687, 4278, 6212, 6243
planning 4039, 6099
plant disorders 4354
plant water relations 4277
plantations 6311
planting 6213, 6251, 6254, 6257, 6259
planting stock 6211
ploughing 1315
poisonous plants 7176
*Populus tremula* 1212, 1312
precipitation 6318
prices 1383, 3564
*Pristiphora abietina* 6582
provenance 4074, 4076, 4079, 6709
*Prunus serotina* 6229
*Pseudotsuga menziesii* 4164, 4299, 6493
*Quercus petraea* 4168
reclamation 4535
*Rhyacionia buoliana* 1653
roadside plantations 2755, 6272
*Salix alba* 7118
*Salix alba* × *S. fragilis* 7118
seed orchards 6249
shelterbelts 2755
silvicultural conversion 1280, 4163, 4220
silviculture 1384, 5477
site preparation 6251
soil chemistry 2850
soil fertility 4264-4265, 4267, 6225
soil types 4278
species trials 6709
spraying equipment 4509
terrain classification 4259
thinning 4149, 4154, 6292
*Tilia euchlora* 7176
*Tilia tomentosa* 7176
tissue culture 4101
tractors 6252
tree breeding 1212, 4415, 5506
valuation 4242
vegetation types 6465
vegetative propagation 1930, 6161
water pollution 2850, 6361
waterlogging 4154, 4274
watersheds 2850, 6346, 6361
weed control 4122, 6229
weight tables 1339
wildlife 544
yield forecasting 2746
yield regulation 4214
yield tables 756
**German Federal Republic**
*Abies* 1719, 2613-2614, 6078
*Abies alba* 7470, 7532, 7759
*Abies cephalonica* 6078
*Abies fraseri* 6078
*Abies grandis* 7573, 7805
*Abies procera* 6078
*Acer platanoides* 1297
*Acer pseudoplatanus* 1297, 1721
acid rain 2831, 3630, 4966, 5745, 6914-6915, 6954-6955, 7891
acid soils 6344
afforestation 545, 1297, 1717-1721, 2673, 3163, 3179, 4137
agroforestry 8149
air pollution 593, 842, 2147, 2152-2153, 2847, 4019, 4353, 4568, 4966, 4970, 5116, 5686, 5808-5810, 6078, 6345, 6953-6955, 7521, 7757-7761, 7763, 7890
*Alnus glutinosa* 1717-1718, 1721
amelioration of forest sites 6309, 7521
Aphelenchina 5327
Aphididae 8079
*Apodemus flavicollis* 545
*Apodemus sylvaticus* 545
assortments 3541
avalanches 6100
*Betula* 6078, 6719

**German Federal Republic** *cont.*
*Betula alba* 1719
*Betula pendula* 1721
*Betula pubescens* 1288
biological control 8079
bogs 6630
*Bupalus piniarius* 1662
*Bursaphelenchus fraudulentus* 5327
canal plantations 1720
*Capreolus capreolus* 6000, 6591-6592
*Carpinus betulus* 7541
*Carya* 2614
*Castanea sativa* 4204
cattle 3162
*Cervus elaphus* 5999, 6591
*Chamaecyparis lawsoniana* 2614
*Chamaecyparis pisifera* 2614
choice of species 1110, 6718, 7470-7472, 7893
*Chrysomela vigintipunctata* 7230
*Cinara pectinatae* 3491
*Clethrionomys glareolus* 545, 2479
climate 1389
clones 7455
*Coleophora laricella* 7214
Coleoptera 7178
competition 696
*Contarinia baeri* 4502
cooperatives 6023, 7452-7453
*Cryptococcus fagisuga* 7191
*Cryptomeria japonica* 2614
cycling 5731
damage 600
deer 3162, 5996, 7449, 8107
defoliation 7759
dendrochronology 4019, 6073, 8180-8181
dendroclimatology 4568, 8182
dieback 457, 593, 838-839, 841, 925-926, 929, 1377-1378, 1426-1428, 1577, 1840, 1937-1938, 2169, 2585, 2765-2766, 2839, 2841, 3235, 3611, 3630, 3649-3651, 4019, 4163, 4294, 4353, 4980, 5116, 5556, 5748, 5805-5811, 6100, 6103, 6309, 6428-6429, 7449, 7755, 7757, 7890-7893, 7895-7897, 7899
drainage 6335
economics 555, 2766, 3179, 4148, 4657, 4673, 4894-4895, 5692-5693, 5695, 6309, 6312-6314, 6622, 7667-7668
education 3316, 4045
*Epinotia tedella* 8043
evapotranspiration 7294
exotics 2614, 6078
*Fagus sylvatica* 929, 1353, 1718-1720, 2169, 5581, 5748, 6327, 6914, 7191, 7470, 7495, 7541, 7572, 7668
farm forestry 2766, 6023
farm woodlands 555, 6622
fertilizers 655, 1261-1262, 1937-1938, 2638, 3397-3399, 5555, 6764, 7519, 7521-7524
*Fomes fomentarius* 8058
forest ecology 3228
forest fires 7788
forest influences 7777
forest inventories 1426, 4231, 5807, 5811
forest litter 1411
forest management 199, 1363, 3541, 3889, 4167, 5664, 5686, 6294, 7427, 7449, 7470, 8107, 8171
forest ownership 601, 7453
forest policy 6115
forest recreation 3235, 5686
forestry 7428, 7433
*Formica* 7214
Formicidae 3889
*Fraxinus americana* 2614
*Fraxinus excelsior* 1297
fuel plantations 2604
fungal diseases 1631
fungicides 3057, 6828, 7279
grasslands 6630
grazing 3162
groundwater 2816
health 43, 5508

**German Federal Republic** *cont.*
heathland 5215
heavy metals 3595
hedges 2495, 5359
herbicides 3057, 3403, 6828, 7279
*Heterobasidion annosum* 1640, 3049, 8002, 8020
historic buildings 6294
history 600-601, 2586, 4045, 5490, 7431, 7452, 7454
honeydew 3491
humus 809, 6327
hunting 2586
hydrology 1701
*Hylobius abietis* 1081
*Hylotrupes bajulus* 7239
indicator plants 842
insect pests 600
insecticides 3057, 6828, 7279
intensive silviculture 6314
international cooperation 1183, 6118
ionizing radiation 5808
*Ips* 3911
*Ips typographus* 3136, 3142
*Juglans nigra* 2614
labour 43-44, 4673
land use 3179, 6606, 7294
landscape ecology 977
*Larix* 7470
*Larix decidua* 1719-1720, 5581
*Larix laricina* 2614
*Larix leptolepis* 2614, 3911, 5617
legislation 601, 7445, 7964
*Liriodendron tulipifera* 2614
*Lymantria dispar* 5935, 7278
mapping 1131, 3228, 5686, 8171
*Melolontha hippocastani* 3153
mice 545
*Microtus agrestis* 545, 2479
*Microtus arvalis* 545
mixtures 7572
mountain forests 4049, 8107
mulching 7549
national parks 1131, 6630, 7450
natural regeneration 7755
nature conservation 564, 3228, 5686, 7428, 7445, 7450, 8171
nurseries 4760
nutrient deficiencies 2638, 6345
organizations 7453-7455
palaeoecology 977, 4384
*Parasetigena silvestris* 5935
pesticides 3057, 6828, 7279
*Picea* 840, 2614
*Picea abies* 1937, 2638, 3455, 6327, 6914, 6916, 6954-6955, 7470-7471, 7557, 7572, 7574, 7668, 7758-7759, 7898, 8043
*Pinus* 2614, 6078
*Pinus nigra* 1721, 6362
*Pinus pinaster* 3911
*Pinus strobus* 6078, 7650
*Pinus sylvestris* 182, 1720, 2638, 2673, 6764, 7239, 7470, 7532, 7574, 7668
planning 1363
plant disorders 4355, 5106-5108, 5291, 8018
plant succession 5215
planting stock 7455
pollution 7178
*Populus* 2612-2613, 2697, 4169, 6718, 7148, 7472
*Populus* 'Ahle' 2671
*Populus* 'Androscoggin' 2604
*Populus* 'Astria' 2671, 7472
*Populus* 'Holsatia' 3038
*Populus* 'Max 5' 2604
*Populus* 'Muhle-Larsen' 2604
*Populus* 'Rap' 2604
*Populus tremula* 2671
*Populus trichocarpa* 1297
precipitation 2831
private forestry 44
protection forests 3163, 4049, 6100, 6606
protection of forests 4049
provenance 2578, 2613, 6719
*Prunus avium* 7494, 7577-7581
*Pseudotsuga menziesii* 281, 1719-1720, 1938, 1944, 2578, 4134, 4297,

**German Federal Republic** *cont.*
*Pseudotsuga menziesii cont.*
5618, 5667, 6078, 6344, 7470, 7668
public relations 6103, 7458, 7471
*Quercus petraea* 5580
*Quercus robur* 1718-1720, 2673, 7470, 7541, 7668
*Quercus rubra* 2614, 4166, 5935
reclamation 1721
remote sensing 840, 1377-1378, 1427, 5811
repellents 7279
research 2595, 4045, 7433, 7449
reserved forests 564
*Reticulitermes flavipes* 5915
rights of way 2726
riparian forests 3228, 5686
rodents 8108
safety 43
*Salix* 7230
*Salix dasyclados* 2604
sandy soils 5581
*Scolytus intricatus* 5950
seed certification 7455
seed orchards 7494
seeds 1235
*Sequoiadendron giganteum* 2614, 3468, 6078
shelterbelts 1110
silvicultural conversion 4162, 4808, 5616, 6000
silvicultural systems 2692, 4126, 7532
site class assessment 4211
site types 7632
snow 600
soil chemistry 809, 2098, 2101, 5555, 6914, 6916, 7693
soil pH 6915
soil physics 7774
soil pollution 3595
soil types 810, 2098
species trials 2612, 2614, 6719
stand characteristics 696
street trees 6082, 7375
subsidies 6115
synecology 4803, 8171
*Tetropium gabrieli* 8059
*Thecodiplosis brachyntera* 4502
thinning 3455, 4148
*Thuja occidentalis* 2614
*Thuja plicata* 2614, 6078
*Tilia* 7375
training 1191
*Trypodendron domesticum* 8058
*Tsuga heterophylla* 2614
*Tsuga sieboldii* 2614
urban forestry 6082, 6329, 7893
vegetation 6592
vegetation types 564, 4320, 4803
voles 545, 2479
water pollution 7777
weed control 8149
wildlife 564, 3889, 5359
wind damage 600
woody plants 4088
yield forecasting 753, 1840, 4211
*Zeiraphera diniana* 5936

***Gevuina avellana***
nurseries 7476
seed germination 7476-7477
seed production 6435
seed treatment 7476-7477

**Ghana**
books 7386
forestry 7386
hunting 7324
land use 7324
landscape 1457
minor forest products 7386
phenology 1457
rain forests 7324
social forestry 6061

***Gibberella fujikuroi*** 2386, 2390, 5266, 5293, 5719, 5886, 5905, 6645, 7157, 7998, 8011

***Gibberella intricans*** 2384

***Gibberella pulicaris*** 7998

**Gibberellins** (*see* Growth regulators, gibberellins)

***Gigantochloa apus***
silviculture 3487
vegetative propagation 3487
***Gigaspora*** 5875, 7989
***Gigaspora margarita*** 2366
***Gilletteella cooleyi*** 3151, 6542
***Gilpinia hercyniae*** 1076
***Ginkgo biloba***
astragalin 1493
bonsai 2562
flowering 5120
foliage 1493, 2234, 2562, 3725
mycorrhizas 456
plant composition 456, 2234
polyprenols 3713
proteins 6408
seeds 6408
sex 5120
species trials 3337
terpenoids 6409
transplanting 7368
**Girdling** 325, 852, 7170
***Gironniera,*** taxonomy 377
**Girth** (*see* Diameter)
**Glasshouses** (*see* Greenhouses)
**Glaze** (*see* Ice damage)
***Gleditsia japonica,*** pollen 4358
***Gleditsia triacanthos***
aluminium 3599
callus 5041
cytology 5027
fungal diseases, *Thyronectria* 6516, 7159
growth models 6642
increment 6642
insect pests 7276
intensive silviculture 4766
plant composition 1567, 5027
plant physiology 1567
root pruning 7376
roots 813, 5039
seeds 1567
soil chemistry 813
soil pH 5708
soil toxicity 813, 3599, 5708
transplanting 7376
urban forestry 6642
variation 7159
wounds 5041
***Gliocephalis*** 3866
***Gliocladium roseum*** 2384
***Gliricidia***
agroforestry 3201
green manures 7591
***Gliricidia sepium***
agroforestry 560, 1118, 1773-1776, 3194, 3204, 3324, 3951, 3964, 3971, 3980-3981, 3997, 5413-5415, 6032, 6050, 6055-6056, 6625
biomass 1318, 1347, 3331, 5628, 6352
botany 5004
choice of species 6032, 6138
conferences 5474
coppice 3331
cycling 6352
Dominican Republic 3980
erosion control 3194
ethylene 2948
fences 3951
fertilizers 5737
fodder 4181, 5628, 7595
foliage 1318, 1347, 2948, 5876, 7726
frost resistance 6138
fuel plantations 3324
fuelwood 3331, 5414
genetics 1871
green manures 1324, 2024, 2705, 2708, 3484, 5413-5415, 6055-6056
hedges 6352
increment 3204
Indonesia 3331
insect pests, *Heteropsylla* 6541
mulching 1259, 2792, 3997
multipurpose trees 3980
mycorrhizas 5251
nitrogen fixing trees 5004
nutrient deficiencies 3204, 5737
plant composition 2832, 3204, 5737, 7726
plant nutrition 5737
***Gliricidia sepium*** *cont.*
provenance 1871, 5876, 6151
pruning 1318, 6352
root nodules 5876
runoff 3194
seed collection 6151
seed sources 6151
seedlings 5876
shade trees 3172
silviculture 5004
soil chemistry 1774, 3204
soil fertility 1774, 3204
soil physics 1775
soil temperature 2792
soil water 1773, 1776, 2792
species trials 3331, 3349, 6138
uses 5004
vegetative propagation 3951
***Glischrochilus quadripunctatus*** 7224
***Globodera*** 8072
***Gloeophyllum sepiarium*** 4434
***Gloeostereum incarnatum*** 6844
***Glomerella camelliae*** 4452
***Glomerella cingulata*** 4429, 4452, 5265, 5267-5268, 7995, 8014
***Glomeris balcanica*** 7716
***Glomus*** 5875, 7989
***Glomus aggregatum*** 3852, 5249, 5872
***Glomus etunicatum*** 5872, 5877
***Glomus fasciculatum*** 460, 2368, 2374, 3581, 3853, 5869
***Glomus intraradices*** 2375
***Glomus macrocarpum*** 460, 2366, 2368, 3581
***Glomus microcarpum*** 7986
***Glomus mosseae*** 5872, 7989
***Glomus versiforme*** 456
***Glossina*** 1968
***Gluta elegans,*** wood anatomy 3682
***Gluta travancorica,*** India, Kerala 2191
***Gluta wallichii,*** wood chemistry 4341
***Glycaspis*** 8031
***Glycosmis mauritiana***
alkaloids 2242
bark 2242
***Glycosmis pentaphylla,*** alkaloids 2926
***Glypta fumiferanae*** 4469, 5934
***Gmelina,*** agroforestry 1740
***Gmelina arborea***
biomass 4865
botany 3327
calorific value 2940
choice of species 3338, 4064
economics 3300
fertilizers 86
fodder 7467
forest fires 296
fruit 1888, 1894
fuel plantations 4064
fungal diseases 7999
increment 2732, 2793, 4865
Malaysia 3300
multipurpose trees 3339
natural regeneration 296
NPK fertilizers 654
Philippines 3327
phloem 4344
plant nutrition 86
plantations 853, 3299, 6791
planting 4136
planting stock 3425, 4136
plus trees 3842
private forestry 3299
proteins 4344
provenance 1206
seed collection 1888, 3366
seed germination 1888, 3370
seed sources 3366
seed treatment 3370
seedlings 86, 654, 7999
seeds 1888, 1894
shifting cultivation 1764
shoot cuttings 6170
silvicultural characters 3327
silviculture 3327
site class assessment 3529
site preparation 853
soil compaction 2793
soil fertility 853
species trials 1206, 6132, 6712, 7467
tree breeding 3842
***Gmelina arborea*** *cont.*
underplanting 3428
Vanuatu 3339
vegetative propagation 642, 3842
volume determination 2719, 4194
volume tables 2719
wood anatomy 1464, 3681
***Gnathotrichus sulcatus*** 1668
***Gnetum gnemon,*** ethnobotany 2016
***Gnetum latifolium,*** ethnobotany 2016
***Gnetum montanum,*** ethnobotany 2016
***Gnomonia platani*** 5294, 8083
**Goats** 3485-3486, 4520, 6036, 7595, 8090-8092
***Gomortega keule,*** seed germination 6140
***Goniothalamus fulvus***
lactones 7013
medicinal plants 7013
***Goniothalamus scortechinii***
lactones 7013
medicinal plants 7013
***Goniothalamus tapis***
alkaloids 7013
lactones 7013
medicinal plants 7013
***Gonystylus bancanus***
distribution 2196
habit 2196
improvement planting 2196
increment 2196
natural regeneration 2196
silvicultural characters 2196
synecology 2196
***Gordonia axillaris,*** vegetation types 6471
***Gordonia obtusa***
foliage 2260
optical properties 2260
***Gossweilerodendron balsamiferum,*** increment 2734
***Goupia glabra***
dendrochronology 7633
growth rings 7633
increment 7633
phenology 7924
stand characteristics 7924
**Grading**
automation 6686
computer techniques 2584, 6686, 7613
tree classes 2743, 7613
visual grading 6686
**Grafts, grafting** (*see* Vegetative propagation, grafting)
**Grain and figure** 7006
***Graphisurus fasciatus*** 2432
***Graphium*** 1639
**Grasses** 862, 1006, 1121, 1273, 1594, 1687, 2321, 2688, 3016, 3403, 3826, 4122, 5226, 5436, 5598, 5681, 6228, 7103, 7280, 7547
***Gravitarmata margarotana*** 507
**Grazing** (*see also* Rangelands)
damage 1737
ecology 531, 694, 949-950, 1006, 1687-1688, 1691, 1693, 1737, 1824, 3158, 3162, 5406, 5984, 5987-5989, 7281, 7283-7284, 7937, 7950, 8093-8096
economics 2466, 3930-3931, 5338-5339
history 4661
management 2112, 3929, 6037, 7281
Australia 5988
New South Wales 5488, 5984
Queensland 1688, 3188-3189
Brazil 1121
Canada 7282
Alberta 7284
British Columbia 1086, 1687
China 1690
Cuba 3187
German Federal Republic 3162
India 1689, 1692, 4518
Rajasthan 1761, 8095
Morocco 1693
New Zealand 5596, 6045, 6047
Portugal 8093
Somalia 3177
South Africa 5989
UK 1753, 5991
USA 3931, 3946, 5406, 7282
Alabama 5410
Arizona 4519

**Grazing** *cont.*
management *cont.*
USA *cont.*
Florida 1744
Idaho 1737
Utah 5339
Yemen Arab Republic 1207
simulation 4519
**Greece**
*Abies borisii-regis* 114
*Abies cephalonica* 1616
*Abies equi-trojani* 1616
*Alebra* 3894
amenity value of forests 6067
bark beetles 1672
browse 3702
*Castanea sativa* 3894
Cerambycidae 4484
*Crataegus heldreichii* 7931
*Cronartium flaccidum* 1642
drought 1672, 4484
forest management 6067
forest recreation 6634
landscape 6067
natural regeneration 114
*Pinus brutia* 7198
*Pinus halepensis* 7213
*Pinus nigra* 5643
provenance 1616
*Pseudaulacaspis pentagona* 3081
*Quercus aucheri* 7930
Scolytidae 4484
*Seiridium cupressi* 2394
site class assessment 5643
soil fauna 7716
*Thaumetopoea pityocampa* 7198, 7213
transpiration 1415
**Green manures** 1324, 1741, 1945, 2023-2024, 2705, 2708, 3484, 3954, 5412-5415, 5627, 5629, 6055-6056, 7591, 7593-7594
**Greenhouses** 472, 5561, 6256
books 6653
**Greenland**
*Salix arctica* 7904
*Salix glauca* 7904
***Gregopimpla himalayensis*** 7212
***Gregopimpla inquisitor*** 8039
***Gregopimpla malacosomae*** 8039
***Gremmeniella abietina*** 2363, 3865, 6183, 6515, 8119
***Grevillea,*** agroforestry 1740
***Grevillea banksii,*** agroforestry 3196
***Grevillea robusta***
agroforestry 1733, 2546, 3196, 3210, 6011
bibliographies 4599
erosion control 6011
forest management 6288
shade trees 1438, 1733
shelterbelts 8122
species trials 3210
***Grewia***
agroforestry 1758
charcoal 1758
***Grewia bicolor***
erosion control 5754
forest influences 5754
hydrology 5754
soil water 5754
***Grewia oppositifolia***
fodder 1322
forest litter 4926
multipurpose trees 1322
***Grewia optiva,*** India, Uttar Pradesh 6005
***Grewia tiliifolia***
insect pests 1649
synecology 413, 7094
wood anatomy 1467
***Grewia villosa***
control 2867
controlled burning 2867
***Grimmeodendron eglandulosum,*** wood anatomy 888
**Grossulariaceae,** wood anatomy 5033
**Ground photogrammetry** 2758
**Ground vegetation** 653, 835, 838, 862, 864, 1002-1004, 1596, 1599-1600, 1602, 3446, 3663, 3802, 4400, 5206, 5219, 5681, 5835, 5851, 6592, 6976, 7097,
**Ground vegetation** *cont.*
7280, 7283, 7545, 7761, 7927, 7942, 7952, 8101
(*see also* Competition, ground vegetation)
**Groundwater** 793, 2161, 2682, 2806, 2816, 4002, 4281, 5705, 5804, 6225, 6284, 6335, 7624, 7686, 7699, 7805, 7921
**Group system** (*see* Silvicultural systems, group fellings)
**Growing stock**
classification 5607
control 203
measurement 2200-2201, 2738
planning 110, 145, 4213
simulation 5669
terminologies 145
**Growth regulators**
2,4-D 72, 82, 1912, 1929, 1934, 7502
abscisic acid 60, 81-82, 354, 1570, 1893, 2963, 3355, 3619, 3744, 3749, 4103, 4720, 6761, 7044, 7883, 7886
Atonik 1958
auxins 5088, 6162
benzyladenine 72, 79, 81-82, 639, 1910-1912, 1920, 1929, 1934, 3242, 3385, 4739, 7056, 7502, 7506
boric acid 718, 5123
chemistry 2964
coumarins 60, 718
cytokinins 79, 1911, 3598, 3742, 3744, 4349, 6162, 7057, 7506
dihydroconiferyl alcohol 1565
dikegulac 3242, 5101-5102
equipment 4631
ethephon 2031, 2659, 2962, 4743, 4818, 5799
ethylene 922, 1570, 2948, 3619, 5799
flurprimidol 5100, 7049
GHB 1958
gibberellins 65, 355, 374, 677, 1221, 1910, 2962, 3619, 3749, 3753, 4103, 4717, 5036, 5087, 5135-5136, 5139, 5537, 5719, 6141, 6157, 7054, 7057, 7883
IAA 703, 718, 1238, 1910, 1954, 2960, 3619, 3678, 3744, 4103, 4723, 4737, 5099, 5525, 5798-5799, 6174, 7501-7502, 7848
IBA 71, 79-80, 443, 642, 644, 718, 1239, 1272, 1910, 1936, 3238, 3242, 3375, 3383, 4720-4723, 4737, 4740, 4742-4743, 5525, 5549, 5551, 6174, 7506
isopentenyladenine 1911, 3385, 3744, 4739
kinetin 703, 2962, 3619, 6141
maleic hydrazide 877
methodology 5099
NAA 72, 79-81, 443, 642, 718, 1272, 1920, 1929, 1934, 1986, 3242, 3375, 3383, 3426, 4103, 4723, 4743, 5036, 5549, 7502, 7506
paclobutrazol 3753, 7883
plant physiology 1495, 1565, 1893, 2960, 2963, 3362, 3753, 4348, 5035, 5138, 6162, 7044, 7049, 7848
polyamines 7045
reviews 5799
testing 7050
thidiazuron 7506
thiourea 6141
thiram 1272
tolylfluanid 644
triacontanol 4334
tryptophan 7501
zeatin 79, 1934, 3385, 3744, 7502-7503
**Growth rings** 286, 331, 435, 572, 843, 847, 855, 860, 1334, 1366, 1617, 1801, 2050, 2565, 2852, 2967, 4028, 4205, 4256, 4305, 4325, 4575, 5026, 5073, 5479, 5650, 5749-5750, 6071, 6651, 6999, 7826
**Growth stress** 856-858, 1574, 2854, 4984, 6967
***Guaiacum officinale***
air pollution 2158
bark 6407
foliage 816, 2158
***Guaiacum officinale*** *cont.*
fruit 7028
medicinal plants 6407
ornamental woody plants 6407
resins 6407
saponins 6407, 7028
soil pollution 816
street trees 2158
**Guam,** agroforestry 8154
***Guarea cedrata***
basal area 189
increment 189
***Guarea multiflora,*** coppice 5578
***Guarea pendula,*** taxonomy 3775
***Guarea tuisana,*** climbers 6524
**Guatemala**
choice of species 2611
epiphytes 5204
*Eucalyptus deglupta* 2611
vegetation types 5204
***Guatteria dielsiana,*** wood chemistry 1518
***Guazuma crinita***
silvicultural characters 7485
tissue culture 72
***Guazuma ulmifolia***
foliage 7726
plant composition 7726
silvicultural characters 7485
tissue culture 72
***Guettarda platypoda,*** glycosides 7024
***Guibourtia coleosperma,*** flavanols 7875
***Guignardia calami*** 5284
***Guignardia cryptomeriae*** 1632
**Guinea,** remote sensing 6460
**Guinea-Bissau**
*Albizia adianthifolia* 5256
*Albizia ferruginea* 5256
*Albizia zygia* 5256
*Dichrostachys glomerata* 5256
*Erythrina senegalensis* 5256
*Prosopis africana* 5256
*Pterocarpus erinaceus* 5256
**Gums** 161, 1509, 4816, 4818, 5624, 7819
***Gustavia angusta,*** evapotranspiration 6934
**Guttiferae**
biochemistry 4331
chemotaxonomy 4331
reviews 4331
xanthones 4331
**Guyana,** epiphytes 3020
***Gymnocladus dioicus***
seed germination 1880
seed treatment 1880
**Gymnospermae**
China 389
wood anatomy 4326
***Gymnosporangium miyabei*** 1058
***Gymnostoma papuanum***
nitrogen fixation 5255
root nodules 2376, 5255
symbiosis 2376-2377
***Gypsonoma hapalosarca*** 8034
***Gypsonoma minutana*** 3088
***Gyranusoidea tebygi*** 7254
***Gyrocarpus americanus***
nurseries 4065
seed collection 4065
species trials 4065
***Gyrocarpus jacquinii,*** synecology 413, 7094
***Gyrocarpus jatrophifolius***
habit 5833
keys 5833
taxonomy 5833
**Habit**
*Abies* 306
*Acer* 7799
*Betula* 5009, 5013, 7535
*Bretschneidera* 388
*Calamus* 2874
*Castanea* 7809
*Ficus* 6524
*Fraxinus* 5776
*Gonystylus* 2196
Hernandiaceae 5833
*Larix* 5009
Lauraceae 5832
methodology 880
*Nothofagus* 6382
*Phyllostachys* 3797
*Picea* 2790, 3455, 4316, 5009, 5774

**Habit** *cont.*
*Pinus* 306, 4256, 5009, 5855, 6387, 7465, 7535
*Quercus* 3676, 4108, 5776, 7535
*Rhododendron* 322
*Robinia* 5776
*Terminalia* 308
**Haiti**
agroforestry 3216, 5455
deforestation 4679
fuelwood 4679
***Hakea***
hydrology 5211
plant colonization 5211
South Africa 5211
woody weeds 5211
***Haldina cordifolia,*** insect pests 1649
***Halesia carolina,*** natural regeneration 4395
***Haliaeetus leucocephalus*** 2473
***Halocarpus***
foliage 4367
palaeoecology 2992
pollen 2992
taxonomy 4367
***Halocyphina villosa*** 3589
***Halosarpheia retorquens*** 3589
***Haloxylon ammodendron***
arid regions 6910
soil water 6910
thinning 6910
***Haloxylon aphyllum***
fodder 7112
tree breeding 7112
weight determination 2717
***Haloxylon persicum,*** weight determination 2717
***Haloxylon salicornicum,*** seed germination 6720
**Hamamelidaceae,** taxonomy 5158
**Hamamelididae**
foliage 5029
taxonomy 5029
***Hamamelis virginiana,*** flowers 5014
***Hamelia patens***
fruit 1580
seed dispersal 1580
***Hammada salicornica*** (*see Haloxylon salicornicum*)
***Hampea appendiculata***
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
***Haploclathra leiantha,*** xanthones 5058
***Haploclathra paniculata***
wood chemistry 1507
xanthones 5058
***Haplophragma adenophyllum,*** irrigation 612
***Hardwickia binata,*** synecology 7094
**Hares** 5360
***Harknessia eucalypti*** 5899
***Harknessia globosa*** 5899
**Health** 43, 45-46, 48, 314, 1198, 1316, 2600, 4018, 4058, 4063, 5507-5508, 6124, 6260, 6705, 7584
**Heartwood** 257, 331, 338, 2039, 2852, 3653-3654, 3686, 4076, 4337, 5026, 7010
**Heat injury** 2781, 2783
books 5456
**Heat resistance** 2092
***Hebeloma*** 3854
***Hebeloma crustuliniforme*** 462, 821-822, 6192, 7130, 7138
***Hebeloma cylindrosporum*** 5252, 5881, 7128
***Hebeloma hiemale*** 7501
***Hedera helix***
photosynthesis 7046
zeaxanthin 7046
**Hedgerow trees** 4563
**Hedges** 2495, 2506, 3951, 5359, 5427, 8133
***Hedysarum fruticosum,*** plant water relations 5723
***Hedysarum mongolicum,*** plant water relations 5723
***Hedysarum scoparium,*** plant water relations 5723
***Hegesidemus harbus*** 4466
**Height**
measurement 761, 1342, 2039, 4832, 7611
methodology 6846
simulation 171, 7416
statistical methods 18, 4202, 6848-6849, 7615
**Helicopters** 300, 1379, 1448-1449, 3371, 4109, 7410
***Helietta parvifolia,*** species trials 7464
***Heliocarpus appendiculatus***
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
***Helopeltis*** 3062
***Hemiberlesia pitysophila*** 3079
**Hemicelluloses** 2211
**Hemiptera** 3149
**Herbicides** 129
(*see also* Site preparation, chemical treatment; Thinning, chemical treatment)
2,4,5-T 1092, 2684, 4778, 7547, 7551-7552, 7554
2,4-D 132, 134, 689, 1092, 1301, 1996, 3440, 4144-4145, 4778, 5584, 5586, 6235, 7525, 7547
acifluorfen 3447
aerial application 131, 6123, 6233
alachlor 6803
alloxydim 687, 3447
ametridione 3447
ametryn 7525
amitrole 4788, 6230, 6802-6803, 7546
ammonium thiocyanate 6803
arsenicals 577
atrazine 134, 687, 4122, 4788, 7546
bibliographies 3263
bromacil 7525
Canada 6188
chlorthal-dimethyl 6803
clopyralid 3447, 5592, 7551-7552, 7554
conferences 14, 3265
copper sulfate 7550
cyanazine 687, 5587
dalapon 687, 2687, 5586, 6230, 7525, 7546
damage 5440
delachlor 6776
dicamba 1301, 3440, 4145, 7554
dichlobenil 687
dichlorprop 3447, 6229
diphenamid 3450
diuron 6802
ecology 130-131, 1092, 3265, 3448
economics 132, 5586
equipment 1996, 2015, 6828
fenoxaprop 3447
fenuron 2687, 4122
flamprop 3447
fluazifop 3447
fluroxypyr 133, 4144, 5591
fosamine 130, 3440
German Federal Republic 3057, 6828, 7279
glufosinate 3447
glyphosate 131, 134, 673, 687, 1092, 1273, 1991, 1995, 2355, 2684, 3263, 3265, 3453, 4145-4146, 6230, 6232-6233, 6776, 7538, 7554
haloxyfop 1273, 3403, 3447, 5586
hexazinone 130-131, 134, 1999, 3440, 3450, 4145, 4788, 5584, 5586, 6822, 7546-7547
imazapyr 134, 1998, 5585
Indamin 7550
linuron 6802
machinery 6822
mancozeb 2406
MCPA 2685
metabolism 2951, 2957, 6232, 7048
metazachlor 1273
methodology 688, 1302, 2957, 7257
metolachlor 3447
metribuzin 5587-5588
metsulfuron 6227, 6805
MSMA 527, 6234, 8087
napropamide 686, 1273
nitrofen 6776
oryzalin 6803
oxadiazon 686
oxyfluorfen 3412, 3447, 6802
paraquat 687
pentachlorophenol 7178
persistence 6805
pests 6234
phenoxy herbicides 6232
phytotoxicity 1995, 1998-1999, 2355, 2685, 3412, 3447, 3450, 4145, 5440, 5587, 6227, 6230, 6802-6803, 6805, 7048, 7525
picloram 689, 1301, 1996, 3440, 3445, 4145, 5584, 5586, 5592, 7551-7552, 7554
prometryn 2687
propazine 6230
propyzamide 687, 1273, 6230
residues 1996, 6234
reviews 130, 6232
sethoxydim 3447
simazine 686, 2406, 3447, 3450, 4145, 6230, 6802-6803
soil 131, 6913
sulfometuron 133, 4145, 5585, 6227
tebuthiuron 1301, 7553
terbumeton 3453, 6802
terbuthylazine 2688, 3453, 6227, 6802
testing 6804, 7048
thiobencarb 5587-5588, 6776
toxicity 3263, 3265, 3448-3449, 6123, 7178
triclopyr 130, 133, 1092, 1301, 1995, 3440, 3445, 3447, 4144-4145, 5584, 5586, 5589-5592, 6226, 6229, 7550-7552, 7554
tridiphane 3447
trifluralin 6776
UK 2655
USA 6123
water pollution 131, 5589-5590, 6233
***Hericium erinaceum*** 3866
***Heritiera littoralis,*** growth regulators 7057
***Hermannia alhensis***
control 2867
controlled burning 2867
***Hernandia didymantha***
habit 5833
keys 5833
taxonomy 5833
***Hernandia stenura***
habit 5833
keys 5833
taxonomy 5833
**Hernandiaceae**
habit 5833
keys 5833
taxonomy 5833
***Heterobasidion annosum***
assessment 5887
biology 3868, 4434, 5270, 5888, 8005
control 8020
distribution 1633
ecology 5865, 8002
economics 3049
infection 8002, 8020
physiology 1637
plant physiology 1640, 4430
resistance 477, 1633, 1640
reviews 5270
symptoms 4430
wounds 3049
***Heterocampa guttivitta*** 7203
***Heterodendrum oleifolium,*** rangelands 5984
***Heterodera*** 8072
***Heteronygmia dissimilis*** 4516
***Heteropsylla cubana*** 3152, 5331, 5473, 5918, 5921-5929, 5931-5932, 5974-5981, 6010, 6136-6137, 6538-6541, 6588, 7188, 7256, 8080
***Heteropsylla fusca*** 6588
***Heteropsylla huasachae*** 6588
***Heterorhabditis heliothidis*** 5967
***Heterotermes ferox*** 5301
***Hevea brasiliensis***
choice of species 4686
distribution 5828
economics 3300
embryo culture 6159

***Hevea brasiliensis*** *cont.*
forest management 6835
Malaysia 3300
plant morphology 5828
volume determination 734
wood anatomy 1467, 5788
***Heyderia formosana,*** soil water 1443
***Hibiscus cannabinus,*** pulpwood production 7582
***Hibiscus elatus,*** seed germination 7474
***Hibiscus sabdariffa,*** wood chemistry 2237
***Hibiscus syriacus***
flowering 879
ornamental woody plants 879, 1794
phenology 879
vegetative propagation 1794
***Hibiscus tiliaceus***
agroforestry 1745
shelterbelts 5376
***Hieronyma chocoensis,*** species trials 3347
***Hippophae,*** root nodules 4427
***Hippophae rhamnoides***
plant water relations 5723
planting stock 4088
root nodules 2379
seeds 4088
silviculture 4088
symbiosis 1830, 2379
***Hirschioporus abietinus*** *(see Trichaptum abietinum)*
***Hirtella triandra***
coppice 5578
phenology 2119
photosynthesis 5715
plant morphology 2119
plant water relations 2119
**Histology** 313, 319, 1485, 3054, 6093, 7000
**Historic buildings** 6294
**History**
afforestation 4137
amelioration of forest sites 4264
Australia 1819
bamboos 2710
books 4583
*Camellia* 2598
Canada, Quebec 6664
China 4050
cooperatives 7452
deer 543, 4662
deforestation 4663
economics 4657
education 1174, 4045
Europe 4047, 6105
fodder 158
forest administration 6664
forest fires 4988, 4999, 6974
forest management 1173, 2588, 3294, 4220-4221, 4665, 5495, 6290, 6293, 6664, 6695, 7648
forest ownership 601, 4654, 4664
forest policy 6107, 7429
forest recreation 1809, 4661
forest resources 5495
forestry 1144-1145, 1819, 3306, 4047, 4050, 4583, 7426
forestry development 3303
German Democratic Republic 4043, 6287
German Federal Republic 7431
grazing 4661
hunting 2586
insect pests 600
Japan 4583
labour 3297
land use 6664
legislation 4681
logging 4661
multipurpose trees 6695
nature conservation 1809, 4662
Nepal 2548
organizations 1817, 7454
*Pinus palustris* 7440
*Pinus uncinata* 7081
Poland 1842, 7426
pruning 4656
research 1842, 5490, 5503, 7448
roads 1364
silvicultural conversion 4220
silviculture 1176, 4681
soil 1842
**History** *cont.*
Sweden 3294
Switzerland 6107
tanstuffs 4655
terminologies 6666
training 1191
tropical forests 598
UK 3297
USA 1144
Arizona 4662
New Jersey 5495
New York 4663
North Carolina 4661
Oklahoma 4664
Virginia 4661
vegetation 3294
wildlife 543
wind damage 600
***Hoheria lyallii,*** vegetation types 5840
***Holarrhena,*** taxonomy 7913
***Holarrhena floribunda***
wood anatomy 309
wood chemistry 309
***Holarrhena pubescens,*** insect pests, *Lohita* 5304
***Holigarna caustica,*** wood anatomy 3682
***Holoptelea integrifolia***
air pollution 6948
plant physiology 6948
synecology 5183
translocation 6948
***Holoptelia integrifolia,*** agroforestry 1748
***Holotrichia oblita*** 7237
***Homalium hainanense,*** insect pests, *Phalanta* 4478
***Homaloplia ruricola*** 8057
**Homoptera** 8023
**Honduras**
*Gmelina arborea* 4865
insect pests 3064
*Pinus caribaea* 3064
*Pinus oocarpa* 3064, 4850
**Honeybees** 6517
**Honeydew** 2715, 3491, 6537
**Hong Kong**
choice of species 6647
*Ficus microcarpa* 5438
ornamental woody plants 5438
street trees 6647
veteran or remarkable trees 5438
***Hopea ferruginea***
seedlings 7824-7825
synecology 2294
***Hopea foxworthyi,*** light 233
***Hopea mengarawan***
fungal diseases, *Nectria* 5266
growth regulators 3426
wildings 3426
***Hopea mengawaran,*** improvement planting 3426
***Hopea odorata***
mycorrhizas 7991
seeds 635
***Hoplia parvula*** 8057
***Hoplocerambyx*** 510
***Horsfieldia glabra***
medicinal plants 1491
seeds 1491
***Hovenia dulcis***
seed germination 1218
seed treatment 1218
***Huberodendron swietenioides,*** tissue culture 72
***Humboldtia unijuga,*** India, Kerala 2192
**Humidity** 192
**Humus**
chemistry 695, 808-809, 1444, 2106, 4282, 5712, 6327, 7688, 7695, 7764
classification 6329
decomposition 808, 1410, 2804, 3587, 7521, 7703
fungi 5712, 7171
measurement 7701
microorganisms 2116, 7171, 7764
nutrients 4921, 7694, 7731
**Hungary**
acclimatization 3745
air pollution 844-847
*Aradus cinnamomeus* 4462
*Capreolus capreolus* 8097
**Hungary** *cont.*
*Carpinus betulus* 5527, 5621
dieback 5103, 6433
economics 3958, 5512
*Euproctis chrysorrhoea* 5947
*Fagus sylvatica* 5527, 5621
farm woodlands 5512
forest influences 6968
forest management 4652
forestry 4652
*Fraxinus excelsior* 5639, 5663
fuel plantations 5512, 5649
land use 3958, 7320
legislation 4681
logging 4652
*Lymantria dispar* 5947
mechanization 6671
mixtures 5620
mycorrhizas 846
nitrogen fixation 4279
*Picea abies* 5526
*Pinus nigra* 6433
*Pinus sylvestris* 6433
plant composition 3745
plant nutrition 3745
*Populus alba* 7793
*Populus canescens* 7793
*Populus tremula* 7793
provenance 5524, 5526
*Pseudaulacaspis pentagona* 3081
*Quercus cerris* 5527, 5620
*Quercus petraea* 844-847, 5527
*Quercus robur* 4073, 5524, 5527, 5620, 5666, 5947
*Robinia pseudoacacia* 5449, 5604, 5649, 5665, 5749-5750, 5862
rotations 4652
silvicultural conversion 5621
silviculture 4681, 5621
snow 6968
soil types 4279
species trials 5527
stand characteristics 3810
*Telenomus aradi* 4462
tree breeding 5862
vegetation types 3810
***Hunnemannia,*** wood anatomy 326
**Hunting** 2586, 3938, 4662, 7324
***Hura crepitans***
coppice 5578
species trials 3347
**Husky Hunter computer** 4642
***Hybanthus prunifolius***
phenology 2119
plant morphology 2119
plant water relations 2119
***Hyblaea puera*** 7204
**Hybrids**
*Abies* 1616
*Aesculus* 2353
*Betula* 315, 1621, 2354, 3255, 6719, 7980
*Castanea* 4419
*Crataegus* 1622, 3849
*Eucalyptus* 618, 1040
*Larix* 434, 4415, 7972-7973
*Leucaena* 2361, 5860, 5976, 6136, 6444, 6504, 6541, 7115
*Nothofagus* 6507
*Pinus* 439-441, 4412
*Populus* 445, 2356, 4420, 7189
*Quercus* 3844
*Salix* 3766
*Ulmus* 447
***Hydnangium carneum*** 455
***Hydnocarpus anthelmintica***
plant composition 1496
seeds 1496
***Hydnocarpus kurzii***
plant composition 1496
seeds 1496
***Hydrangea hirta,*** natural regeneration 1601
***Hydrangea macrophylla,*** natural regeneration 1601
**Hydrology**
Australia
New South Wales 7298
Victoria 7298
Botswana 3557

**Hydrology** *cont.*
Canada
Alberta 550
British Columbia 1699, 2486
Chile 7302-7303
China 549
computer techniques 27
conferences 1700
Costa Rica 1103, 3208, 3998, 6048
Cuba 3945
equipment 7411
India, Uttar Pradesh 7308
Japan 1102, 1104, 2181, 2489
Korea Republic 2866
Malaysia 8130
methodology 548-549, 8184
reviews 2491
simulation 291, 549, 1102, 1104, 2491, 4937, 6608-6609, 7301, 7306
Sweden 7299
Taiwan 7296
Tropics 1824
USA
Arkansas 8184
Florida 3943
Kentucky 7306
Montana 5372
Oregon 3944
West Virginia 7306
***Hyeronima oblonga,*** natural regeneration 1969
***Hylastes*** 1686, 2465
***Hylastes ater*** 4490
***Hylastes brunneus*** 1667, 7224
***Hylastes cunicularius*** 7224
***Hylastes nigrinus*** 2440
***Hylastes opacus*** 7224
***Hylobius abietis*** 1081, 1671, 1686, 2435, 2438-2439, 2465, 4507, 4513, 5955, 7249, 7271
***Hylobius congener*** 5320
***Hylobius pales*** 2022, 7227
***Hylobius pinastri*** 2438
***Hylobius warreni*** 1664
***Hylocomium splendens*** 1419
***Hylodendron gabunense,*** increment 2734
***Hylotrupes bajulus*** 7239
***Hylurgopinus rufipes*** 4486, 7168, 7232
***Hylurgops palliatus*** 1667, 7218, 7223-7224
***Hylurgus ligniperda*** 4490
***Hymenaea courbaril***
calorific value 2225
fuelwood 3331
Indonesia 3331
plantations 1452
species trials 3331
weeds 1452
wood chemistry 2225, 4341
wood density 2225
***Hymenaea oblongifolia***
silvicultural characters 7485
tissue culture 72
***Hymenochaete*** 482
***Hymenolobium pulcherrimum,*** natural regeneration 1969
**Hymenoptera** 2202
***Hymenoscyphus ericae*** 7986
***Hyospathe,*** taxonomy 942
***Hyospathe elegans,*** taxonomy 942
***Hyospathe macrorhachis,*** taxonomy 942
***Hyphaene thebaica,*** multipurpose trees 562
***Hyphantria cunea*** 2876, 3097, 5313, 5315, 7253, 7275
***Hyposoter tricoloripes*** 8039
***Hypoxylon fragiforme*** 3851
***Hypoxylon mammatum*** 486, 3851, 3871-3872, 5893
***Hypoxylon mediterraneum*** 7059
***Hypoxylon pruinatum*** (*see Hypoxylon mammatum*)
***Hypsipyla grandella*** 7332
**Hypsometers** (*see* Height, measurement)
***Hysterangium setchelli*** 3041
**Ice damage** 4257, 5601, 5605, 5804
books 5456
**Iceland**
*Larix sibirica* 1209
*Larix sukaczewii* 1209
*Picea abies* 1209
*Picea engelmannii* 1209
**Iceland** *cont.*
*Picea glauca* 1209
*Pinus cembra* 1209
*Pinus contorta* 1209
*Populus trichocarpa* 1209
provenance 1209
species trials 1209
**Ichneumonidae** 8022
***Ilex***
Brazil 3788
insect pests, *Dynaspidiotus* 3078
keys 3788
wood anatomy 996
***Ilex amelanchier***
seeds 2560
vegetative propagation 2560
***Ilex aquifolium***
foliage 1582
taxonomy 1582
***Ilex attenuata***
roots 6324
soil temperature 6324
***Ilex collina***
seeds 2560
vegetative propagation 2560
***Ilex cornuta,*** planting stock 3243
***Ilex crenata***
natural regeneration 1601
planting stock 3243
***Ilex opaca***
browsing damage 2876
foliage 2876, 5963
insect pests
*Hyphantria* 2876
*Phytomyza* 5963
saponins 2876
***Ilex paraguariensis***
Brazil 8163
foliage 8163
***Ilex rotunda***
fruit 7009
plant composition 7009
terpenoids 7009
***Ilex verticillata***
flowering 7803
fruit 7839
fruiting 7803
medicinal plants 7839
ursolic acid 7839
***Illinoia liriodendri*** 5307
**Immunology** 2953, 3876, 5074, 6681
**Improvement fellings** 144, 698, 3542, 5604
**Improvement planting** 1975, 1988-1989, 3227, 3426, 3542, 4071
(*see also* Underplanting)
**Increment**
basal area 1345, 2036, 3526, 7621
*Acacia* 1351-1352
*Bombacopsis* 2724
*Callitris* 4152
*Cassia* 6352
*Castanea* 4204
*Cryptomeria* 7630
*Eucalyptus* 2058
*Guarea* 189
*Larix* 2049
*Nothofagus* 6863
*Picea* 2049, 5651, 5811
*Pinus* 186, 697, 791, 2049, 2726, 3522, 4203, 4205, 4355, 6013, 6815
*Quercus* 5200
*Taxodium* 5646
*Triplochiton* 184
computer techniques 4852
conferences 4024, 6081
damage 1840
data processing 6683
diameter 3334, 4852, 5799, 7621, 7633
*Abies* 1140, 1283, 2581, 4853, 5652, 5805, 7532
*Acacia* 1349, 1351-1352, 1861
*Albizia* 3464, 3514, 7473
*Alnus* 2052, 2742
*Anonidium* 2734
*Anthocephalus* 3514
*Bombacopsis* 2724
*Bruguiera* 738
*Carpinus* 5527
*Castanea* 4204
*Cedrela* 7332
**Increment** *cont.*
diameter *cont.*
*Chamaecyparis* 6858
*Cordia* 3524
*Cryptomeria* 737
*Eucalyptus* 750, 2047, 2058, 2611, 2722, 3464, 7571
*Fagus* 2050, 4853, 5527
*Gmelina* 4865
*Gossweilerodendron* 2734
*Hylodendron* 2734
*Kandelia* 738
*Larix* 2049, 5605
*Leucaena* 53, 116, 7571
*Libocedrus* 1343
*Melia* 3514
*Picea* 148, 1140, 1578, 2049, 2581, 3527, 4305, 5112, 5805, 7627, 7896
*Pinus* 147-148, 181, 259, 690, 697, 736, 746, 2049, 2054, 2726, 2731, 3333, 3515, 3522, 4208, 4355, 4412, 4497, 5650, 5767, 6815, 7532, 7629, 7747
*Pseudotsuga* 3493
*Quercus* 5527
*Salix* 3605, 6859
*Santalum* 2059
*Strombosia* 2734
*Taxodium* 5646
*Tectona* 3514
*Triplochiton* 184
*Tristania* 3514
*Tsuga* 3535
*Ulmus* 447
equations 741, 2059, 2581, 2722, 6013, 6860, 6872, 7631
equipment 3522
forecasting 189, 194, 740-741, 753, 2732, 2746, 2841, 3517, 4024, 4031, 4142, 4206, 5648, 5794, 6872, 7636, 7652
growth models 749, 1350, 1812, 1838, 1840, 2045-2047, 2725, 2728, 2734, 2841, 4024, 4033-4034, 4036-4037, 4635, 4851, 4862-4863, 4873, 5194, 5654, 6042, 6081, 6312, 6496, 6642, 6857-6858, 6867-6868, 6880, 7414, 7419, 7564, 7622, 7625-7626, 7628, 7631
height 3334, 4851, 7628
*Abies* 268, 1283, 3511, 3517, 4853, 5652
*Acacia* 1306, 1351-1352, 1861
*Albizia* 3464, 3514, 7473
*Alnus* 2052, 2742, 3340, 3517
*Anthocephalus* 3514
*Betula* 5013
*Bombacopsis* 2724
*Bruguiera* 738
*Carpinus* 5527
*Carya* 5645
*Castanea* 4204
*Cedrela* 7332
*Chamaecyparis* 3511, 6858
*Cordia* 6856, 8132
*Cryptomeria* 737, 1350, 4858
*Eucalyptus* 2611, 2722, 3340, 3464
*Fagus* 4075, 4806, 4853, 5527, 5655, 6279, 6862
*Fraxinus* 5645
*Gliricidia* 3204
*Gmelina* 2793, 4865
*Kandelia* 738
*Larix* 2049, 4415, 4806, 5605
*Leucaena* 53, 116, 3204
*Libocedrus* 1343
*Liquidambar* 5645
*Melia* 3514
*Nothofagus* 6863
*Picea* 148, 2049, 3401, 3460, 3511-3512, 3517, 3527, 4207, 4806, 6492, 7574, 7625-7626, 7804
*Pinus* 147-148, 181, 259, 690, 697, 736, 791, 2049, 2726, 2731, 3333, 4160, 4203, 4208, 4212, 4355, 4412, 4497, 5767, 6013, 7574, 7710
*Platanus* 5645
*Populus* 1031, 3340, 5645

**Increment** *cont.*
height *cont.*
*Prunus* 5244
*Pseudotsuga* 3460, 3493, 3511-3512, 3517, 6218
*Quercus* 3451, 5527, 5645
*Salix* 3605, 6859
*Tectona* 3514
*Terminalia* 2793
*Thuja* 3460, 3511-3512, 3517
*Triplochiton* 184
*Tristania* 3514
*Tsuga* 3460, 3511-3512, 3517, 3535
*Ulmus* 447
mathematics 2059
measurement 570, 5640
methodology 1831, 2581, 3522, 5640
reviews 4037
simulation 21-22, 25, 194, 740, 753, 1812, 1838, 2045, 2049, 2735, 2738, 2741, 4031, 4037, 4863, 5654, 5704, 6867, 6880, 7414, 7626, 7628-7629
statistical methods 2725, 6864, 7636
valuation 4242, 6639
variation 116, 182, 240, 735-736, 739, 746, 1140, 1353, 2054, 2058, 2727, 2731, 3525-3526, 3652, 4203, 4208, 4212, 4247, 4266, 4355, 4497, 5013, 5651, 5657, 5805, 6492, 6642, 6859, 7563, 7804, 7896, 7984, 8180
volume 2728, 2738, 4141-4142, 4847, 4873, 6857, 7621, 7636
*Abies* 2581, 4199, 4853, 5805, 7532, 7925
*Acacia* 1351-1352, 2745
*Alnus* 6872
*Carpinus* 5527
*Castanea* 4204
*Chamaecyparis* 6858
*Cryptomeria* 4858, 7630
*Cunninghamia* 107
*Eucalyptus* 750, 3540, 7571
*Fagus* 1280, 1348, 1353, 2051, 4853, 5527, 5613, 6279, 6862
*Fraxinus* 8120
*Gmelina* 4865
*Gonystylus* 2196
*Larix* 5605
*Leucaena* 7571
*Libocedrus* 1343
*Nothofagus* 6863
*Picea* 148, 2581, 2741, 3460, 3527, 4199, 4206, 4213, 4842, 5805, 7667
*Pinus* 147-148, 186, 690, 697, 735, 1280, 1354, 2200, 2726, 2729, 2741, 3333, 3522, 3874, 4160, 4203, 4205, 4212, 5767, 6851, 6864, 7465, 7532, 7545, 7710
*Populus* 7564
*Pseudotsuga* 3460, 3493, 4164
*Quercus* 5527
*Quercus rubra* 4198
*Taxodium* 5646
*Thuja* 3460
*Triplochiton* 184
*Tsuga* 3460, 3535
weight 739, 2045, 2056, 2689, 3605, 4205, 5775, 7630
**Increment boring** 5768
***Indarbela quadrinotata*** 5912
**India**
*Acacia pennata* 6446
*Aesculus punduana* 1489
afforestation 2589, 4620, 4677, 5452, 5516, 6618
agroforestry 1323, 1689, 1692, 1732-1733, 1739, 1748-1750, 1771, 1823, 2546, 2549, 3174, 3965, 4517-4518, 4547, 4620, 5393, 6618, 6626, 8147
air pollution 1429
*Aquilaria agallocha* 4817
*Azadirachta indica* 2608, 3701, 5691, 7032
bamboos 719, 2028, 2711, 2873
*Bambusa balcooa* 5818
browse 1691, 1748
Bruchidae 5319
**India** *cont.*
*Cajanus cajan* 6626
*Casuarina equisetifolia* 3174
choice of species 612, 1823, 5516, 5982, 6626
climate 2873
*Colophospermum mopane* 1314
deforestation 4518, 6024
economics 5493
*Erythrina fusca* 2017
*Eucalyptus* 1820, 8024
*Eucalyptus citriodora* 1985
*Eucalyptus longifolia* 5916
*Eucalyptus tereticornis* 1985
*Eucalyptus torelliana* 1985
farm forestry 4620
farm woodlands 4620
fodder 1691, 4620
forest management 1368, 4867, 5493
forest policy 4659, 5493
forestry 591, 1787, 5503
forestry development 4659
fuel plantations 2606, 4677
fuelwood 1749, 4518, 4620
fungal diseases 8078
grazing 1689, 1691-1692, 4518
*Indigofera* 5141, 5149
insect pests 5319, 8024, 8078
irrigation 612, 4592
Isoptera 7186
*Kachuga tentoria* 7289
land use 591, 1159, 1368, 4547, 4592, 7404
Leguminosae 5319
mangroves 5350
medicinal plants 1326, 6839
mountain forests 5450, 6024
multipurpose trees 4620, 6739
mycorrhizas 5251
natural regeneration 4867
nature conservation 591, 1787, 5350
nitrogen fixation 4941
nitrogen fixing trees 4941
*Nyctanthes arbor-tristis* 7023
*Odontotermes feae* 5916
planting stock 1985
*Populus deltoides* 1771
provenance 2608, 6743
pruning 6827
quarantine 6739
rain forests 4867
rangelands 4517, 5982, 6024
reclamation 5452, 6618
research 589, 2711, 5503
rural economy 4592, 7404
*Salvadora persica* 1985
seeds 590, 6739, 6743, 8078
shade trees 1733
shelterbelts 3174
shifting cultivation 5451
silkworms 7404
silviculture 589, 4677
*Skimmia* 6445
social forestry 1159, 2549, 4620, 5416
sustainable land use 1159, 1368, 4547
*Tectona grandis* 1985, 6743
tissue culture 1985
waste land 5452, 7403
wildlife 5350, 7289
*Ziziphus rugosa* 7017
Andaman and Nicobar Islands
*Araucaria cunninghamii* 2016
*Cycas rumphii* 2016
ethnobotany 2016
*Gnetum gnemon* 2016
*Gnetum latifolium* 2016
*Gnetum montanum* 2016
mangroves 2520, 5949, 7057
*Podocarpus neriifolia* 2016
*Podocarpus wallichianus* 2016
reclamation 2520
*Thuja plicata* 2016
vegetation types 2520
wood borers 5949
Andhra Pradesh
*Adhatoda zeylanica* 6436
agroforestry 5408, 6627, 8160
air pollution 2150
ethnobotany 6842
mangroves 5188
medicinal plants 6842
**India** *cont.*
Andhra Pradesh *cont.*
nature conservation 5188
*Santalum album* 2059
Arunachal Pradesh
*Amentotaxus assamica* 5001
nature conservation 5001
*Skimmia arunachalensis* 6445
*Skimmia kamengensis* 6445
Assam
Cerambycidae 5912
cycling 2135
forest litter 2135
*Indarbela quadrinotata* 5912
*Lorryia* 5912
*Myllocerus undecimpustulatus* 5912
*Psylla oblonga* 5912
shade trees 5912
*Trabala vishnou* 8037
*Xyleborus metacuneolus* 5912
Bihar
forest litter 5714
medicinal plants 6841
*Shorea robusta* 5714
Goa, Daman and Diu, biomass 2060
Gujarat
afforestation 1765, 6062
agroforestry 1765, 8145
biomass 2057
*Cervus axis* 6593
*Felis rubiginosa* 6593
fuel plantations 2057
*Panthera tigris* 6593
*Ratufa indica dealbatus* 6593
resin tapping 4819
social forestry 1765, 6062
wildlife 6593
Haryana
afforestation 5515
agroforestry 1751, 1769, 3202, 6017, 6028-6029, 8159
alkaline soils 7034
choice of species 5515
deforestation 3957
erosion control 3957
*Eucalyptus* 4843
*Eucalyptus tereticornis* 4830
forest litter 4926
*Melia azedarach* 3584, 7034
*Prosopis cineraria* 5515
reclamation 1713, 3956-3957, 6017, 6028
shelterbelts 2173
soil amendments 3956
soil biology 2814
soil conservation 3957
soil types 1713, 1769, 3584, 6028
volume tables 4843
water conservation 3957
*Ziziphus mauritiana* 5515
Himachal Pradesh
*Aesculus indica* 4705
afforestation 5378
agroforestry 3211-3212
*Albizia chinensis* 2038
biomass 1148
choice of species 4687, 5378
cycling 3212
deforestation 7330
erosion 7330
forestry development 1148
fuelwood 1148
*Microtermes mycophagus* 3074
nurseries 1956-1957, 5378
*Odontotermes obesus* 3074
*Picea smithiana* 4702
*Quercus* 7330
*Quercus serrata* 4687
reclamation 5378
resin tapping 3481
silviculture 5378
social forestry 1148
species trials 4687
synecology 3211
vegetative propagation 2637
*Viburnum foetens* 2737
Indian Punjab, agroforestry 1123
Jammu and Kashmir
edible species 7600
*Leucaena leucocephala* 6778

**India** *cont.*
Jammu and Kashmir *cont.*
*Leucoma sericea* 5311
minor forest products 7600
*Septoria populi* 2399
soil fertility 6929
vegetation types 6929
Karnataka
*Acacia auriculiformis* 4860
agroforestry 153, 3186, 6052, 6057
biomass 2289
*Calamus* 2714
canes and rattans 2714
*Casuarina equisetifolia* 4860
data processing 4639
degraded forests 2289
ethnobotany 4826
farm forestry 556
forest resources 2291
growth models 4639
*Leucaena leucocephala* 153, 7576
*Maesopsis eminii* 2245
mangroves 2268
natural regeneration 168
nature conservation 2289
*Pinus caribaea* 473
private forestry 556
remote sensing 2291, 5689
research 3322
*Rhizoctonia solani* 473
*Santalum album* 2039, 2095, 2137, 3322
soil chemistry 2095
soil physics 2095
soil types 2095
species trials 4694
stand characteristics 168, 2289
synecology 168, 2289
vegetation 2291
vegetation types 2291
Kerala
agroforestry 2543
*Ailanthus triphysa* 1066, 4429
*Albizia falcataria* 3862-3863
*Anacardium occidentale* 1467
*Atteva fabriciella* 1066
bacterial diseases 3862-3863
bamboos 718
*Bombax malabaricum* 5267
books 7385
*Calamus* 2712, 3670
*Calamus metzianus* 2284
canes and rattans 2712
*Cossus cadambae* 2430
dams 7385
*Dillenia pentagyna* 1467
*Dipterocarpus indicus* 1467
*Elephas maximus* 2482
*Eligma narcissus* 1066
*Erythrina stricta* 1467
*Eucalyptus grandis* 3654
flora 7385
forest inventories 761
fungal diseases 3862-3863, 4429, 5267, 7995
*Gluta travancorica* 2191
green manures 2024
*Grewia tiliifolia* 1467
*Hevea brasiliensis* 1467
*Humboldtia unijuga* 2192
*Hyblaea puera* 7204
insect pests 1649
keys 892
*Lagerstroemia microcarpa* 1467
*Litsea ghatica* 5177
*Madhuca longifolia* 5125
*Mikania micrantha* 4791
nature conservation 5150
plant succession 6928
pulpwood production 3654
rain forests 7385
reserved forests 3815
*Santalum album* 2095
seedlings 892
site class assessment 3533
soil chemistry 2095
soil fertility 6928
soil physics 2095
soil types 2095
*Stereospermum chelonoides* 1467
support trees 4545

**India** *cont.*
Kerala *cont.*
synecology 7944
taungya 3863
*Tectona grandis* 1467, 7204
*Terminalia paniculata* 1467
*Vateria macrocarpa* 5150
vegetation types 3815
vegetative propagation 2028
viral diseases 4429
*Xylia xylocarpa* 1467
Madhya Pradesh
afforestation 7676, 7680
*Anogeissus latifolia* 7492
*Anogeissus pendula* 7492
*Atteva fabriciella* 5329
bamboos 720
*Boselephus tragocamelos* 8106
*Bubalus bubalus* 8106
*Buchanania lanzan* 7492
*Butea monosperma* 7238
*Cercospora subsessilis* 5283
*Cervus axis* 8106
degraded forests 7680
*Dysdercus cingulatus* 8030
edible species 7603
frost resistance 7676
fungal diseases 7999
*Lagerstroemia parviflora* 7492
medicinal plants 7604-7605
national parks 8106
*Oglasa separata* 5310
*Pachyonyx quadridens* 7238
*Pestalotiopsis versicolor* 6518
planting 7544
protection of forests 8166
*Pterocarpus marsupium* 7611
site preparation 7544
social forestry 8166
soil chemistry 7680
species trials 7676
synecology 5482, 7942
weeds 7959
wildlife 8106
Maharashtra
afforestation 6247
agroforestry 3996
browse 5983
canopy 1387
deforestation 5386
erosion 5386
*Eucalyptus tereticornis* 6852
fodder 6710
green manures 1324
Leguminosae 6457
*Leucaena diversifolia* 6710
*Leucaena leucocephala* 6247, 6710
light 1387
provenance 6710
social forestry 5417
soil degradation 5386
species trials 6132, 6710
Meghalaya
*Dendrocalamus hamiltonii* 1783
improvement planting 1975
natural regeneration 6784
plant succession 5223
*Quercus dealbata* 6784
*Quercus griffithii* 6784
shifting cultivation 1783, 3671
Nagaland
*Dendrocalamus hamiltonii* 1783
shifting cultivation 1783
Orissa
afforestation 1841, 3174
erosion control 3174
international cooperation 1841
*Pinus kesiya* 6280
Rajasthan
*Acacia senegal* 5863, 6943
afforestation 1708, 8109
agroforestry 1761
dunes 8109
erosion control 8109
farm forestry 5421
grazing 1761, 8095
rangelands 1761, 8095
reclamation 8109
social forestry 5421
soil types 6943
synecology 6943

**India** *cont.*
Rajasthan *cont.*
tree breeding 5863
Sikkim
agroforestry 5407
forest influences 1444
shade trees 5407
soil chemistry 1444
Tamil Nadu
*Acacia holosericea* 1870
*Casuarina equisetifolia* 6195
choice of species 1870
climate 2303
directories 3374
*Erythrina* 8040
fodder 6412
forest influences 7782
fungal diseases 7995
green manures 2023
mangroves 5008
nurseries 6195
*Rhizophora* 5008
*Santalum album* 2059, 2095
seeds 3374
soil chemistry 2095, 7782
soil physics 2095, 7782
soil types 2095, 2114, 7094
synecology 413, 2114, 2303, 7094, 7782, 7943
*Terastia meticulosalis* 8040
vegetation types 2114, 2303, 7943
Uttar Pradesh
*Acacia catechu* 6716
*Acacia nilotica* 161, 1869
afforestation 5378, 6005
agroforestry 1736, 1746, 1778, 3205, 3966, 6624
air pollution 2157
*Azadirachta indica* 4703
biomass 610, 2048, 4859
*Buddleja asiatica* 4704
*Cedrus deodara* 423
choice of species 5378, 6005, 6716
climate 7674
*Dalbergia sissoo* 6716
deforestation 3326, 7308
drainage 7674
epiphytes 423
*Eucalyptus tereticornis* 2058, 6716
forest litter 246, 4922
forestry 1177, 1723
forestry development 1723
fuelwood 3326
fungal diseases 5284
grazing 1746
gums 161
hydrology 7308
*Juglans regia* 647
land use 1177, 1723
*Lantana camara* 7193
*Leptobyrsa decora* 7193
*Lohita grandis* 5304
*Lyonia ovalifera* 807
mined land 1712
*Morus alba* 6716
*Mycosphaerella gibsonii* 3864
natural regeneration 2301
*Nesokia indica* 5343
nurseries 5378
phenology 2199
*Pinus roxburghii* 246, 807, 1903, 3510
*Populus deltoides* 5007
precipitation 7674
protection of forests 8166
provenance 1869
*Quercus floribunda* 304, 423
*Quercus glauca* 246
*Quercus leucotrichophora* 246, 304, 423
*Quercus pubescens* 304, 807
rangelands 1746, 3802, 6005
reclamation 1712, 5378, 6005
*Shorea robusta* 246, 304, 807
silviculture 5378
social forestry 8166
soil chemistry 4929, 7689
soil conservation 6005
soil types 4929, 6716
stand characteristics 2301
swamps 5183

**India** *cont.*
Uttar Pradesh *cont.*
synecology 424, 2301-2302, 3015, 3510, 3802, 3816, 4859, 5183, 5186, 5197-5198
*Tabebuia pentaphylla* 930
*Tectona grandis* 6716, 7193
tree breeding 2361
*Uncinula clintonii* 5900
vegetation types 1177, 2301-2302, 4859, 5183
*Vitex negundo* 610
water conservation 6005
watersheds 6005
*Woodfordia fruticosa* 4723
West Bengal
agroforestry 5407, 6030, 6484
aquaculture 5369
*Calamus longisetus* 2713
forest influences 4914
grazing 2112
*Leucaena leucocephala* 6030
mangrove forests 5369
mangroves 412, 1445, 1562, 5422
medicinal plants 1328, 2033
*Michelia champaca* 865
nature conservation 5422
*Panthera tigris* 5422
provenance 6128
shade trees 5407
*Shorea robusta* 865
silkworms 5633
soil chemistry 865, 1445, 4914, 4918
soil physics 1445
soil types 4918, 6971
species trials 6128
street trees 5433
synecology 5187
taungya 5394
*Tectona grandis* 865
urban forestry 5433
watersheds 2112
wildlife 412
**Indicator plants** 838, 842, 1070, 1432, 3594, 4287, 4300, 4951, 4969, 5842, 6276, 7761, 7767
books 1810
***Indigofera,*** taxonomy 5141, 5149
***Indigofera schimperi***
browse 5986
rangelands 5986
***Indigofera teysmannii,*** shade trees 8131
***Indigofera tinctoria***
seed germination 2622
seed treatment 2622
***Indocalamus pallidiflora*** (*see Arundinaria pallidiflora*)
**Indonesia**
*Acacia auriculiformis* 2609, 3331
*Acacia mangium* 733, 2609, 3331, 3469, 5533, 7528
*Acacia nilotica* 2554, 3663, 7550
afforestation 1843, 3967
agroforestry 116, 559, 561, 1122, 1124, 1127, 1376, 1745, 2533, 3214, 3967, 5399, 5513, 6049, 6269, 8158
*Arenga pinnata* 6722, 6993
artificial regeneration 2306
*Azadirachta indica* 3701
bamboos 3487
*Bauhinia purpurea* 3331
biological control 3152
birds 2484
*Calamus manan* 2025-2027, 7529
*Calamus scipionum* 7660
*Calliandra calothyrsus* 3331
canes and rattans 2982, 7660
*Cassia fistula* 3331
*Cassia siamea* 2609, 3331
*Chaetocnema* 518
choice of species 49, 2032, 2429, 5533, 6541
coppice 3331
*Curinus coeruleus* 3152
cycling 6942
*Dioryctria* 2429
Dipterocarpaceae 2351, 5266, 7824-7825
*Dipterocarpus crinitus* 3675
**Indonesia** *cont.*
*Dipterocarpus retusus* 1986
economics 2085
edible species 3786
*Elephas maximus* 2483
energy resources 5513
*Enterolobium cyclocarpum* 3331
erosion 2664
erosion control 6010
*Eucalyptus alba* 3331
*Eucalyptus deglupta* 3469, 7527
*Eucalyptus saligna* 2609
*Eucalyptus urophylla* 3423
*Eusideroxylon zwageri* 117, 3227
firebreaks 3663
flora 2278, 3785-3786, 6449
fodder 2609, 5926
forest fires 49, 1452, 1843, 2554, 3667
forest influences 2179-2180, 3658-3659, 4302, 7784
forest inventories 7660
forest litter 2113, 3588, 7728
forest management 1850
forest ownership 1127, 3214
forest policy 1850
forestry 1850
forestry development 2085
fruit 3786
fungal diseases 5266
genetics 2351
*Gliricidia sepium* 3331
*Gonystylus bancanus* 2196
*Heteropsylla cubana* 3152, 5925-5926, 5980, 6010, 6541
history 1850
*Hopea mengawaran* 3426
*Horsfieldia glabra* 1491
*Hymenaea courbaril* 3331
improvement fellings 698
improvement planting 1989
*Khaya anthotheca* 1124, 3331
*Korthalsia* 7660
*Korthalsia scaphigera* 7660
labour 2596
land use 1159, 4537, 4888
Leguminosae 2609
*Leucaena leucocephala* 1989, 3331, 3446, 6010, 7567
logging 2294, 2664, 7536, 7946
*Maesopsis eminii* 3331
mangrove forests 3588, 3659, 3807-3808, 3934
mangroves 112, 2306, 3229, 4927, 7728
medicinal plants 721
mixtures 1989
*Moringa oleifera* 3474
*Nasalis larvatus* 3934
national parks 406, 2554, 3229, 3663, 7550
natural regeneration 112, 1287, 1971-1974, 2306, 7536
nature conservation 406, 1598, 2304, 2483-2484, 2555, 3227
nurseries 1647, 2384, 2404, 7527-7528
*Pericopsis mooniana* 3331
*Pigafetta filaris* 6994
*Pinus merkusii* 1358, 1895, 1955, 1961, 2113
plant succession 2294
plantations 1843, 2085
planting stock 2672
precipitation 6942
private forestry 1127
provenance 6541
*Pterocarpus indicus* 3331
rain forests 3675
rangelands 3663
remote sensing 1376, 4888
*Rhizophora mucronata* 8074
roads 4302
*Santalum album* 3427
*Sesarma* 8074
*Sesbania grandiflora* 3331
shifting cultivation 5391
*Shorea* 2043-2044, 6449, 7616
*Shorea laevis* 3675
*Shorea pinanga* 7496
*Shorea stenoptera* 7496
silvicultural systems 2664
site class assessment 758, 2067
site preparation 6049
**Indonesia** *cont.*
social forestry 1159, 3967
sociology 1850, 4537
soil conservation 561
soil types 2609
soil water 4302
species trials 2032, 2609, 3331-3332, 6541, 7568
*Sphaerobambos philippinensis* 1590
*Sphaerobambos subtilis* 1590
stand characteristics 698, 1971-1973, 2293
stem form 3675
sustainable land use 1159
swamps 7945
*Swietenia macrophylla* 3506
synecology 406, 1287, 1598, 2294, 2304, 2306, 2483-2484, 3227, 3229, 3423, 3446, 3663, 3785, 3804-3806, 3808, 7536, 7945-7947
taungya 559, 1124, 2545, 6049
*Tectona grandis* 758, 2672
training 2596
*Trigonobalanus verticillata* 387
underplanting 1989
vegetation types 112, 1974, 2293, 2306, 2483-2484, 2555, 3229
volume tables 733, 2043-2044, 3506, 7616
weed control 7550
weeds 1452
wildlife 2483, 2554-2555, 3934
yield forecasting 1358
***Indosasa,*** taxonomy 3770
**Information services** 5, 1188, 2578, 3319-3320, 5499-5501
***Inga***
agroforestry 560, 3977, 8153
shade trees 3977-3978, 8153
***Inga edulis,*** agroforestry 1734, 3206
**Inheritance** (*see* Genetics, inheritance)
**Injection of trees** (*see* Tree injection)
***Inonotus hispidus*** 3866
***Inonotus weirii*** (*see Phellinus weirii*)
***Inostemma hockpari*** 3919
**Insect pests** (*see also* Bark beetles; *Choristoneura fumiferana;* Isoptera; *Lymantria dispar; Orgyia pseudotsugata;* Wood borers)
antifeedants 336
attractants 1073, 2424, 2455, 3903, 4486, 5333, 5939, 7235, 8053
brevicomin 8064
camphene 7227
carene 7227
dimethylpentadecanyl acetate 3127
disparlure 2464
dodecadienol 8043
dodecadienol acetate 5938
dodecadienyl acetate 7201, 8043
dodecenyl acetate 2423, 3101, 5936, 8042
ethanol 1668, 2435, 7224, 7227, 8064
hexadecenal 506
hexadecenyl acetate 506
ipslure 8064
limonene 7227
lineatin 8064
linoprax 3122
myrcene 7227
pinene 7224, 7227, 8064
terpenes 2435
tetradecenyl acetate 506, 5936, 8042, 8044
turpentine 1667, 7227
bibliographies 6, 1152
biology 496, 3064, 3068, 4010, 5914
*Actebia* 2431
*Agelastica* 3123
*Alebra* 3894
Aleyrodidae 6533
Aphididae 7192
*Apoderus* 3109
*Aradus* 3895, 4462
*Automeris* 6557
*Barbara* 7211
*Bellamira* 2432
*Blastopetrova* 4479
Bruchidae 5319
*Calophysa* 3893

**Insect pests** *cont.*
biology *cont.*
Cecidomyiidae 4496
Cerambycidae 4488
*Chonostropheus* 3108
*Choristoneura* 3903, 5934
*Chrysomela* 5300, 7230
*Cinara* 1655, 4465, 4467, 6535
*Clastoptera* 499
Coccoidea 2576
*Coleophora* 3092
*Contarinia* 4502
Cynipidae 7243
*Cynips* 6571
*Dendrolimus* 504
*Dichelonyx* 8061
*Dichocrocis* 1660
*Dioryctria* 507, 2429, 7205
*Dirphia* 3084, 3899
*Dynastes* 5952
*Epicerura* 7196
*Euceraphis* 6536
*Eucosma* 3100
*Euproctis* 1064
*Euura* 5959, 6574
*Galerucella* 8054
*Gnathotrichus* 1668
*Graphisurus* 2432
*Gravitarmata* 507
*Gypsonoma* 3088, 8034
*Hegesidemus* 4466
*Heterocampa* 7203
*Heteropsylla* 5922-5923, 5927, 6538, 7188
*Hylobius* 1664, 1671, 2022, 2435, 2438
*Hylotrupes* 7239
*Hylurgopinus* 4486
*Hyphantria* 2876, 3097, 5313
*Ips* 509, 1669
*Janus* 5300
*Lambdina* 7217
*Lepidosaphes* 7187
*Leptobyrsa* 7193
*Leucoma* 5311
*Lygus* 6201, 8027
*Lymantria* 3089, 6556
*Matsucoccus* 5917
*Monarthropalpus* 5962
*Monochamus* 511, 8050, 8053
*Mordella* 8062
*Nematus* 1675
*Nemoria* 6547
*Neodiprion* 6572
*Oglasa* 5310
*Orthosoma* 2432
*Otiorhynchus* 5968
*Oxydia* 1063
*Pachyonyx* 7238
*Pachypappa* 5305
*Panesthia* 6575
*Panolis* 508, 1068, 6551
*Pantana* 3099
*Parandra* 2432
*Paranthrene* 4481
*Periphyllus* 5919
*Perthida* 8046
*Phalanta* 4478
*Phigalia* 2421
*Phlaeoba* 3073
*Phyllaphis* 1062
*Phytobia* 3131
*Phytomyza* 5963
*Pissodes* 1664, 1670, 3118, 3126, 3908
*Plagiodera* 7240, 8067
*Polychrosis* 3098
*Pontania* 7241
*Prionoxystus* 3902
*Pristiphora* 7244
*Pterocallis* 4463
*Pulvinaria* 3082
*Pyrrhalta* 5324
*Pyrrhocoris* 3077
*Rhabdophaga* 4501
*Rhagoletis* 7248
*Rhopalosiphum* 7190
*Rhyacionia* 3102, 3105
*Rhynchaenus* 5318, 5954, 8049
*Saperda* 3914
*Sesia* 5300
*Silliana* 8069
*Sirex* 3129, 7246
*Spodoptera* 3090
*Synanthedon* 3085
*Tetropium* 8059
*Thaumetopoea* 5333, 7195
*Thecodiplosis* 2445, 3917, 4502
*Thysanogyna* 2463
*Trabala* 8037
*Trypodendron* 1668, 7236
*Zeiraphera* 6553, 7197
books 1811, 3068, 4582, 5456, 6657
computer techniques 4648, 7423
conferences 1828, 5460, 6084
control 1158, 1681, 2412, 3406, 4010, 4543, 4582, 5913, 7180, 7182, 7268, 7276, 8024, 8078
(*see also* Biological control, insect pests)
*Acantholyda* 521, 7255
*Archips* 7255
*Atta* 4515
*Atteva* 1066, 5329-5330
*Barbara* 8084
*Blastopetrova* 4479
Bruchidae 5319
*Bupalus* 1662
*Calophysa* 3893
*Chaetocnema* 518
*Chaitophorus* 1654
*Chionaspis* 7275
*Choristoneura* 4032, 6561
*Chrysomela* 5300
*Cinara* 1656
*Clastoptera* 499
Coccoidea 3139
Coleoptera 3149
*Coloradia* 5946
*Contarinia* 8084
*Coptotermes* 3062
*Corythucha* 8083
*Dendroctonus* 527
*Dendrolimus* 7250, 7255
*Dioryctria* 519, 6587, 8084
*Diprion* 7250
*Drosophila* 3918
*Elatobium* 3151
*Eligma* 1066
*Erannis* 4514
*Euceraphis* 7275
*Eucosma* 2424, 2455, 3101, 6587
*Euproctis* 1064, 7250, 7255
*Fentonia* 3138
*Fenusa* 7263
*Galerucella* 8054
*Galleria* 1685
Geometridae 7255
*Gilletteella* 3151
*Hegesidemus* 4466
Hemiptera 3149
*Heteropsylla* 3152, 5331, 5473, 5921-5925, 5928-5929, 5932, 5974-5981, 6010, 6540, 6588, 7256
*Hoplocerambyx* 510
*Hylastes* 1686, 2465
*Hylobius* 1081, 1664, 1671, 1686, 2465, 4507, 4513, 5955, 7249, 7271
*Hyphantria* 5313, 5315, 7253
*Ips* 1669
*Janus* 5300
*Lambdina* 524, 7217, 7265, 8088
*Lampronadata* 3138
Lepidoptera 2459, 3149, 7258
*Lepidosaphes* 7187
*Leptoglossus* 3148
*Leucaena* 8080
*Lygus* 6201, 8075
*Lymantria* 2464, 4510, 6590, 7255, 7275
*Malacosoma* 7275
*Matsucoccus* 2450, 4511, 6579-6580, 7251
*Megastigmus* 7266, 8084
*Melanophila* 6581
*Melolontha* 3153
*Microcerotermes* 3062
*Monochamus* 511, 3137, 7277
*Neodiprion* 3140, 3143, 3923, 7255
*Operophtera* 2454, 3141, 3146, 4514, 7255
*Orgyia* 526, 2458, 7264
*Otiorhynchus* 1960, 5967-5968
*Pachypappa* 5305
*Panolis* 508, 7255
*Paradiplosis* 520
*Paranthrene* 4481, 7272
*Phaenops* 6581
*Phalanta* 4478
*Phalera* 3138
*Phigalia* 2421
*Phlaeoba* 3073
*Phoracantha* 3922, 6578
*Pissodes* 1664, 1670, 4495, 5953
*Pontania* 7241
*Popillia* 7275
*Prionoxystus* 4508
*Pristiphora* 6582
*Pyrrhalta* 3926
*Quadraspidiotus* 7270
*Rastrococcus* 7254
*Resseliella* 7266
*Rhyacionia* 3154
*Rhynchaenus* 5954
*Saperda* 3914
*Semanotus* 4512
*Sesia* 5300
*Setothosea* 3062
*Sirex* 3129, 7246
*Strobilomyia* 7266
*Synanthedon* 5967
*Tetropium* 8059
*Thaumetopoea* 2453, 5333, 7195
*Thysanogyna* 2463
Tortricidae 7250
*Tortrix* 3141, 4514, 7202, 7250, 7255
*Toumeyella* 4505, 7275
*Trypodendron* 7236
damage 371, 924, 1649, 1651, 2011, 2412-2413, 2417-2418, 3064-3065, 3068, 3070-3072, 4010, 4457, 4459-4461, 5299, 5456, 5575, 5914, 6531, 6657, 6750, 7063, 7179-7181, 8078
*Actebia* 2431
*Alcis* 3086
*Alebra* 3894
*Apocheima* 6555
*Araecerus* 6570
*Atta* 2416, 3916
*Atteva* 1066
Bruchidae 5319, 7233
*Bruchus* 2437
*Bupalus* 1662
*Calliteara* 1663
*Callosobruchus* 7233
*Calophysa* 3893
*Catocala* 1082
*Cecidomyia* 4497, 4499
*Cephalcia* 513
Cerambycidae 4484, 4488
*Chaetocnema* 518
*Chaitophorus* 1654
*Chilades* 7233
*Choristoneura* 3094, 4470, 5948, 6561, 7208
*Chrysomela* 5300
*Cinara* 1656
*Coleophora* 5312
Coleoptera 2416, 4485
*Conotrachelus* 3112
*Contarinia* 2419, 4502
*Cossus* 2430, 6616
*Cryptococcus* 929
*Curculio* 3112
Curculionidae 3112
*Cydia* 3372, 4362, 8047
*Dasineura* 4470
*Dendroctonus* 2557
*Dendrolimus* 504, 7226
*Dioryctria* 2419, 4470, 8009, 8041, 8047
*Diphyllaphis* 8032
*Dreyfusia* 4559
*Dynastes* 5952
*Dysdercus* 8030
*Eligma* 1066

**Insect pests** *cont.*
damage *cont.*
*Ephesia* 1082
*Epinotia* 7200
*Eucosma* 2424, 3100-3101
*Euura* 5960
*Galerucella* 8054
*Gypsonoma* 3088, 8034
*Heteropsylla* 3152, 5921, 5924-5932, 5981, 6010, 6538, 7188
*Hoplocerambyx* 510
*Hylastes* 2465
*Hylobius* 1664, 1671, 2465, 5320, 5955
*Hyphantria* 5313, 5315
*Hypsipyla* 7332
*Ips* 1669
*Janus* 5300
*Lacinipolia* 3093
*Lambdina* 7217
Lepidoptera 2416
*Leptobyrsa* 7193
*Leptoglossus* 8041
*Leucoma* 5311
*Leucopholis* 3915
*Lygus* 5306, 6201, 8075
*Lymantria* 3086
*Malacosoma* 1082
*Matsucoccus* 3896-3897, 8029
*Megastigmus* 3069
*Monarthropalpus* 4498
*Nematus* 1675
Noctuidae 500
*Ochropleura* 3904
*Ommatolampes* 5956
Orthoptera 2416
*Otiorhynchus* 1960
*Oxydia* 1063
*Pachyonyx* 7238
*Pachypappa* 5305
*Paranthrene* 3898, 4481
*Pareuplexia* 500
*Petrova* 8041
*Phoracantha* 3922
*Phyllocnistis* 2422
*Phytobia* 3131
*Pissodes* 1664, 1670, 3125-3126, 4494-4495, 5953, 7560
*Polychrosis* 3098
*Quercus* 4514
*Resseliella* 3069, 5326
*Rhabdophaga* 4501
*Rhopalosiphum* 7190
*Rhyacionia* 2419, 3102, 3104-3105, 3154, 5317, 8041
*Rhynchaenus* 929, 5954, 8049
*Semiothisa* 5945
*Sesia* 5300
*Silliana* 8069
*Sirex* 3129, 7246
*Spodoptera* 3905
*Stenolechia* 5944
*Strobilomyia* 4470
*Tetralopha* 2419
*Tetropium* 8059
*Thaumetopoea* 8038
*Thecodiplosis* 2444-2445, 4502
*Thrips* 5303
*Trichapion* 4493
*Trypodendron* 7236
*Yponomeuta* 8035
data processing 1188
detection 499, 7246
disease vectors 511, 2389-2390, 2440, 2448, 3129, 3137, 7277
distribution 466, 496, 499, 3064, 3081, 3085, 3120-3121, 3123, 3128, 3899, 4462, 4464, 5920, 5924, 6537, 7181, 7183, 7189, 7192, 7237, 7246, 8040, 8060
ecology 466, 496, 1649-1650, 2297, 2413-2415, 3068, 3070, 4543, 4582, 6356, 6530, 6532, 7179
*Anaphe* 6549
*Aradus* 8028
*Atta* 3916
*Bupalus* 3891
Buprestidae 7226
Cecidomyiidae 4496, 8023
Cerambycidae 7226
*Choristoneura* 2425

**Insect pests** *cont.*
ecology *cont.*
*Cinara* 4465
Coleoptera 1074, 8023
Cynipidae 5958
*Dendrolimus* 3891, 5309, 7210
*Dioryctria* 507, 8009
*Diphyllaphis* 8032
*Euceraphis* 6536
*Euura* 5957
*Gravitarmata* 507
*Heteropsylla* 5921
Homoptera 8023
*Ips* 509, 2836
*Lohita* 5304
*Melolontha* 4262
*Monochamus* 2836
*Panolis* 1068
*Pemphigus* 7189
*Phyllaphis* 1062
*Phyllocolpa* 5957
*Phytobia* 3131
*Pityogenes* 4262
*Pontania* 5957, 6573
*Ponticulothrips* 3892
*Pterocallis* 4463
*Pyrrhalta* 5324
*Semiothisa* 5945
*Thaumetopoea* 6548, 7198, 8038
*Thecodiplosis* 514, 8070
economics 2444, 2557, 3071, 4032, 5925-5926, 5930, 5947, 7234
equipment 5939, 5951
forecasting 505, 526, 1651, 1653, 2425, 2439, 3097, 3130, 4475, 5317, 5320, 6553, 6556, 6559, 6975
fungal diseases 3088, 4507, 5332, 6534
history 2425
host specificity 2022, 3092, 3117, 3896, 3902, 4456, 4461, 5936, 5957, 6551, 8031
identification 1652, 3083, 3085, 3406, 4010, 5303
increment 513, 570, 2444, 3072, 3154, 3460, 4476, 4497, 5312, 5605, 5946-5947, 7208
introduced species 3128, 8025
laboratory rearing 1685, 3077, 3084, 3092, 6553, 8034, 8053
methodology 513, 1651, 1653, 3089, 3123, 4469, 5307, 5923, 6549
parasites 496, 8022
*Acrobasis* 1065
*Alebra* 3894
*Aradus* 4462
*Atteva* 1066, 5330
*Blastopetrova* 4479
*Choristoneura* 4469, 5934
*Clastoptera* 499
Coccoidea 2576
*Coleophora* 1152, 3144
*Corythucha* 6534
*Dendrolimus* 6546, 7212
*Drosophila* 3918
*Eligma* 1066
*Fentonia* 3138
*Gypsonoma* 3088
*Hemiberlesia* 3079
*Heteropsylla* 5918, 6588
*Hylurgopinus* 7232
*Kaltenbachiola* 5961
*Lampronadata* 3138
Lepidoptera 3906
*Leucaena* 5981
*Malacosoma* 8039
*Nematus* 1675
*Operophtera* 7206
*Orgyia* 6558
*Pachyonyx* 7238
*Panolis* 7216
*Phalera* 3138
*Pissodes* 4495
*Podisus* 3080
*Pontania* 6573, 7241
*Pristiphora* 1075
*Pseudaulacaspis* 3081
*Rastrococcus* 7254
*Rhabdophaga* 4501
*Rhopalosiphum* 7190
*Rhyacionia* 8036
Scarabaeidae 6586

**Insect pests** *cont.*
parasites *cont.*
*Semanotus* 4512
*Setothosea* 3062
*Sirex* 7246
*Thaumetopoea* 6548, 7213
*Thecodiplosis* 3919
*Thyridopteryx* 7215
*Tortrix* 3141
*Trabala* 8037
*Zeiraphera* 5941
physiology 1076, 1685, 2432, 7242, 8068
plant physiology 1076, 2417, 2422, 3063, 3066, 3092, 3096, 4461, 5919, 6551, 6555, 7191, 8045
population dynamics 4458, 5913
*Atteva* 1066
*Bupalus* 1662, 3891
*Calliteara* 1663
Cerambycidae 4484
*Chrysomela* 5933
*Cinara* 1655, 6535
*Cryptococcus* 7191
*Dendrolimus* 3891, 5308, 6559
*Eligma* 1066
*Eucosma* 1661
*Euura* 5959
*Heteropsylla* 7188
*Hylobius* 5320
*Melolontha* 3153
*Operophtera* 3087
*Orgyia* 1661, 4472, 6558
*Panolis* 7216
*Pemphigus* 5933
*Pissodes* 3908, 5953
*Pontania* 6573
*Rhynchaenus* 3913, 5318
*Thecodiplosis* 1676
*Tortrix* 7202
*Zeiraphera* 5941
predators 496, 4458, 7178
Aleyrodidae 6533
*Apocheima* 4473
*Atteva* 1066
*Blastopetrova* 4479
Coccoidea 2576
*Coleophora* 4473, 7214
*Elatobium* 3151
*Eligma* 1066
*Gilletteella* 3151
*Heteropsylla* 6538, 8080
Lepidoptera 3906
*Leucaena* 5923-5924, 5978-5979
*Matsucoccus* 2450
*Nematus* 1675
*Neodiprion* 6585
*Otiorhynchus* 5967
*Panolis* 7216
*Pissodes* 3125
*Pontania* 6573
*Pristiphora* 7245
*Rhopalosiphum* 7190
Scolytidae 7227
*Setothosea* 3062
*Synanthedon* 5967
*Trabala* 8037
*Trypodendron* 8064
research 4054, 6540
resistance 800, 2332, 2417, 2429, 2443, 2876, 3103, 3152, 3848, 3915, 4457, 4491, 4500, 5325, 5460, 5933, 5956, 5975-5977, 6136-6137, 6539, 6541-6542, 6574, 6583, 7189, 7191, 7244, 7247, 7970, 8029, 8045, 8068
reviews 600
simulation 3087, 4032, 5953, 7179
spread 3081
taxonomy 2576, 3129, 4467, 4479, 5917, 7225
theses 497
trap trees 4513
trapping 498, 506, 2421, 2423, 2436, 2442, 2458, 2464, 3122, 3146, 3901, 4513, 5938-5939, 5951, 7197, 7201-7202, 7272, 8044
viruses 3086, 3923, 4472, 4477, 4480, 6550, 6558, 7204

**Insecticides**
acephate 1654, 3893, 3922, 5946, 5967, 6590, 8074, 8083-8084, 8086
aerial application 521, 530, 1080, 1082, 2453, 2462, 4509, 4986, 5328, 5969, 6091, 6579, 6680, 7262
aminocarb 523-524, 5969, 7262
arsenicals 8087
azinphos-methyl 4505, 8054
bacterial insecticides 521, 523-524, 1082-1084, 2428, 2451, 2453, 2459, 2461, 3141, 3153, 3927, 4510, 5315, 5972-5973, 6527, 6584, 6590, 7202, 7250, 7259, 7261, 7266, 7275, 8076, 8085, 8089
Bactospeine 1083, 7266
Bathurin 5972
bendiocarb 3926, 5967
carbaryl 521, 1654, 1679, 1683, 3926, 6527, 6561, 8054, 8086
carbofuran 518, 522, 3922, 4512, 8074, 8077
carbosulfan 8077
chlordane 3075
chlorpyrifos 1654, 2420, 3914, 4505, 8077
cyfluthrin 3914
cypermethrin 1081, 2452, 7249, 7253, 7255, 7269, 7271, 8075
deltamethrin 1082-1083, 1679, 2421, 2462, 3073, 6582, 7255, 7266-7267, 7271
diatomite 3148
diazinon 499, 518, 520, 1654
dichlorvos 2463, 3073, 3107, 4466, 8054
dicrotophos 7263
diflubenzuron 524, 530, 1082-1083, 1662, 1685, 2453, 3153, 3928, 4468, 4510, 4514, 5315, 5973, 6582, 7265, 8088
dimethoate 2463, 3148, 3151, 4470, 6201, 7249, 7266
disulfoton 3922
ecology 3059, 3141, 3153, 3933, 6527, 7267, 8104
economics 1084, 5328, 6578, 7271
endosulfan 5968
equipment 2015, 4627, 6828
esfenvalerate 3926, 4505
fenitrothion 519, 521, 523-524, 1678, 1683, 3107, 3151, 5969, 7265
fenobucarb 518
fenoxycarb 6579, 7251
fenpropathrin 3893, 7249
fenvalerate 519, 2462, 4505, 6587, 7249, 7253, 7271
fluvalinate 3926
fuel oils 510
Futura 524
German Federal Republic 3057, 6828, 7279
Gomelin 7250, 7259
HCH 2828-2829, 3074
isofenphos 5967
Izothrine 7266
Lepidocide 7202, 7250
lindane 1081, 1679, 2452, 2465, 3059, 3111, 3147, 7271
malathion 499, 1082, 2421, 3148, 3151
mephosfolan 7251
methamidophos 518, 5968, 8074
methidathion 5955
methodology 4515, 4627, 6091, 7257
methomyl 1080, 8086
methoxychlor 7266
mexacarbate 529, 5969
mineral oils 5334, 5336, 6589, 7274-7276
monocrotophos 519, 4466, 5329, 7256
naled 3073
omethoate 4466
oxydemeton-methyl 2452, 3893, 3922, 7263, 8075
parathion-methyl 510, 5955, 5968, 7250, 8054
pentachlorophenol 7178
permethrin 528, 1080-1081, 1679, 1686, 3141, 3148, 4478, 7249, 7253, 7255, 7271

**Insecticides** *cont.*
persistence 529-530, 1678, 3059, 7271
phenthoate 3914
phosalone 3153
phosmet 1080, 3926
phosphamidon 518-519, 5955, 8074
phoxim 5302
phytotoxicity 522, 3151, 3893, 5334, 5336, 6589, 7274, 8077
piperonyl butoxide 3146
pirimiphos-methyl 5968
plant products 336, 2240, 2696, 4506, 4516, 7263, 7275
promecarb 8054
pyrethrins 3146, 7275
residues 530, 1678, 2828-2829, 5969, 7262, 7269
resmethrin 4515
simulation 528
soaps 3151, 6589, 7275
soil 530, 3059, 3928
sulprofos 1080, 8086
systemic action 3922
teflubenzuron 1685
tetrachlorvinphos 8054
tetramethrin 3146
thiodicarb 8086
Thuricide 524, 1082-1083, 3927
toxicity 529, 1678, 2452, 3151, 4505, 7178, 8086, 8104
translocation 3922
Tremuron 521
triazophos 8054
trichlorfon 3073, 3138, 4478, 7195, 7250, 8076
triflumuron 1080, 2453
USSR 7261
viral insecticides 1680, 2451, 2458, 2461, 3140, 3143, 3923, 5973, 6590, 7259, 7264, 7278
water pollution 528-529, 7262
Zuron 521

**Insolation,** damage 924, 4911

**Integrated control** 1098, 1681-1682, 3111, 5335, 5973-5974, 6578, 8012

**Interception of precipitation** (*see* Precipitation, hydrology)

**International cooperation** 31-32, 606, 1183, 1784-1785, 1841, 1853, 3250, 3999, 4585, 4649, 6111, 6114, 6118, 6120, 7343, 7438

***Intsia bijuga,*** support trees 2029

**Investment** (*see* Economics, investment)

**Ionizing radiation** 1878, 1909, 2140, 3616, 5807-5808, 7491
reviews 5806

***Iponemus gaebleri*** 7229

***Ips*** 2836

***Ips acuminatus*** 3911

***Ips avulsus*** 3113

***Ips calligraphus*** 509, 1071, 3113, 6565

***Ips cembrae*** 1674, 3911

***Ips grandicollis*** 3113, 4490

***Ips pini*** 8065

***Ips schmutzenhoferi*** 3110, 3115, 6564

***Ips sexdentatus*** 1669, 3911

***Ips subelongatus*** 7226

***Ips typographus***
attractants 3136, 3142, 7219, 7222, 8063, 8066
biology 1673, 7222
control 1673, 5913, 5971
disease vectors 1673
distribution 8060
ecology 1673, 4262, 7219
equipment 5971
methodology 3136, 7223
parasites 7229
physiology 4482, 7219
plant physiology 7222
population dynamics 5913, 7231
resistance 1673
trapping 3136, 3142, 5971, 7220, 7223

**Iran**
*Carpinus betulus* 4835
dieback 5813
*Fagus orientalis* 4835, 4840
flora 4372
forest management 4915
land use 4885
palaeoecology 972

**Iran** *cont.*
*Platanus orientalis* 5813
remote sensing 4885
soil types 4836, 4915, 4930
stand characteristics 4836, 4915
street trees 5813
synecology 4836, 4915, 4930
vegetation types 4836, 4915, 4930

**Iraq**
*Cinara tujafilina* 6535
*Gypsonoma hapalosarca* 8034
*Platanus occidentalis* 7512-7513, 7559
pruning 7559
*Salix acmophylla* 7917
*Salix alba* 7917
synecology 7948
*Tamarix aphylla* 7511, 7514
*Thuja orientalis* 6535
vegetative propagation 7511-7514

***Iriartea gigantea,*** climbers 7095

**Irish Republic**
agroforestry 8148
dendrochronology 571
dieback 5109
landscape ecology 975
*Larix leptolepis* 4263
nurse trees 4807
palaeoecology 975
*Picea abies* 4263
*Picea sitchensis* 4263, 4794
*Pinus contorta* 4263, 4981, 5010
*Pinus sylvestris* 4263
planting stock 4758-4759
pruning 4798
*Pseudotsuga menziesii* 4263
silviculture 4606
site preparation 1992, 4779

**Irrigation**
*Abies* 2788
Australia, Victoria 4143
*Betula* 7369
*Caragana* 6614
*Casuarina* 4143
*Cordia* 1265
*Cornus* 6614, 7369
economics 6206
*Eucalyptus* 1278, 4143
India 4592
industrial wastes 612, 1994
Israel 3443
*Leucaena* 153
machinery 4781
*Malus* 6614
*Physocarpus* 6614
*Pinus* 1879, 4143, 6572
*Populus* 1993, 4143, 6206
*Prosopis* 3646
*Prunus* 6614
*Pseudotsuga* 2788, 4781
*Punica* 1265
saline water 1265
*Salix* 1993
Saudi Arabia 3646
sewage 1993, 3646, 4143, 4781, 5706
soil 3177, 3585, 6225
Somalia 2603
Sudan 684
*Syringa* 6614
*Tilia* 7369
*Tsuga* 2788
USA, Wisconsin 6614
*Ziziphus* 1265

***Iryanthera grandis,*** wood chemistry 1501

***Iryanthera jurensis***
phenology 7924
stand characteristics 7924

***Isoberlinia doka,*** agroforestry 4553

***Isoodon obesulus*** 5345

**Isoptera**
bibliographies 6
biology 3075-3076, 5302, 5915-5916, 7185
control 2420, 3062, 3074-3075, 5302, 7186, 8077
damage 2420, 3074-3075, 7186
distribution 5301, 8026
ecology 7184
research 3199
resistance 1553, 7033

**Israel**
Aphididae 7192

**Israel** *cont.*
*Cedrus atlantica* 8000
*Cedrus deodara* 8000
choice of species 1823
dendrochronology 5443
*Diplodia pinea* 5895
irrigation 3443
*Macrophomina phaseolina* 8000
*Matsucoccus josephi* 6579-6580, 7251
old and fossil wood 5443
ornamental woody plants 7192
palaeoecology 5173
phenology 1805
*Pinus brutia* 3515
*Pinus halepensis* 1860, 3515, 4212, 7251
*Pistacia palaestina* 5173
provenance 1860
*Quercus calliprinos* 5173
runoff 3443
*Seiridium cardinale* 5895
vegetation types 1805
**Italy**
air pollution 4287, 4352
*Alnus cordata* 1216
amenity value of forests 5426
*Apanteles laevigatus* 3088
bare rooted stock 4754
*Beauveria* 3088
biological control 6534
biomass 731
*Capreolus capreolus* 5348
*Castanea sativa* 872
*Ceratocystis fimbriata* 8007
*Cervus elaphus* 5348
Coccoidea 3139
containers 4754
coppice 664
*Corythucha ciliata* 6534, 8083
dendrochronology 4019, 4573, 5445, 5447
dendroclimatology 5445
dieback 4019, 4352, 4886, 7058
*Diphyllaphis mordwilkoi* 8032
edible fungi 4827
energy resources 6708
forest fires 872, 5759
forest management 3269, 6874
forest recreation 3269, 5426
forestry 3269, 3539
fuels 6708
fuelwood 664
fungal diseases 7059
*Gnomonia platani* 8083
grafting 1244
*Gypsonoma minutana* 3088
*Hyphantria cunea* 5313
*Ilex aquifolium* 1582
information services 5499
insect pests 8025
*Itoplectis maculator* 3088
*Juniperus* 872
*Larix decidua* 4754, 7569
*Lochetia pimplaria* 3088
logging 3269, 3539
*Lusibia nana* 3088
mechanization 4061
nature conservation 5348
*Neodiprion sertifer* 3140
*Ooencyrtus pityocampae* 6548
palaeoecology 966
*Phillyrea latifolia* 8069
*Phytomyptera nigrina* 3088
*Picea abies* 7569
*Pinus cembra* 4754
*Pinus halepensis* 7058
*Pinus mugo* 4325
*Pinus nigra* 8038
*Pinus pinaster* 7058
*Pinus pinea* 7058
plant disorders 7059
*Platanus* 8007
*Platanus acerifolia* 8083
*Populus nigra* 4444
*Populus tremula* 7569
*Pristomerus vulnerator* 3088
protection forests 3269
provenance 624, 1216, 5156-5157
*Pseudotsuga menziesii* 731-732, 1244, 1340, 7569
quarantine 3139
**Italy** *cont.*
*Quercus cerris* 7059, 8032
*Quercus frainetto* 7059
*Quercus ilex* 392, 624, 7058
*Quercus pubescens* 872
*Quercus robur* 7059
remote sensing 4886
roads 6873
safety 4061
*Sciurus carolinensis* 5349
*Silliana lhommei* 8069
silvicultural systems 731
stand tables 1340
synecology 392
*Taxodium* 5445
*Tetrastichus servadeii* 6548
*Thaumetopoea pityocampa* 5333, 6548, 8038
thinning 731-732
*Tilia cordata* 7569
*Tuber aestivum* 4827
*Tuber melanosporum* 4827
*Tuber uncinatum* 4827
vegetative propagation 1251
*Venturia populina* 4444
volume tables 731-732
***Itoplectis conquistador*** 7215
***Itoplectis enslini*** 8039
***Itoplectis maculator*** 3088
**Ivory Coast**
deforestation 1846, 8129
economics 1846
*Flemingia macrophylla* 1347, 2792, 2832
forest fires 3666
forest management 3543
forest policy 1846
*Gliricidia sepium* 1347, 2708, 2792, 2832
increment 1345
*Leucaena leucocephala* 1347, 2792, 2832
mulching 1259
*Piptadeniastrum africanum* 173
plant water relations 1345
rain forests 7685, 8129
soil water 7685
sustainable land use 3543
virgin forests 7685
***Jacaranda acutifolia***
wood anatomy 309
wood chemistry 309
***Jacaranda copaia***
coppice 5578
dendrochronology 7633
growth rings 7633
increment 7633
species trials 3347, 6712
***Jacaranda mimosifolia,*** epiphytes 4969
***Jacaranda ovalifolia,*** seed germination 1904
**Jamaica**
agroforestry 1772, 1827
*Clethra occidentalis* 5161
*Cyathea pubescens* 5161
forest management 1827
forest resources 1827
land use 1772, 1827
legislation 1827
nature conservation 1827
stand characteristics 4373
synecology 1827
vegetation types 1827
***Janus abbreviatus*** 5300
**Japan**
*Abelia* 321
*Abies firma* 248, 4300, 7926
*Abies mariesii* 414-415, 426, 2280, 7079
*Abies sachalinensis* 238, 1801, 3818, 7925, 8010
*Abies veitchii* 426, 7079
*Acer mono* 272
*Acer sieboldianum* 397
acid rain 272
*Adelges japonicus* 4464
afforestation 229
agroforestry 1126-1127, 3214
air pollution 275, 3622
altitude 737
*Ambrosiella* 8004
**Japan** *cont.*
amenity forests 568
*Anastatus* 8033
bacterial diseases 7166
*Betula mandshurica* 272
*Betula maximowicziana* 272
biological control 3137
biomass 187-188, 192
birds 2467
*Botryosphaeria dothidea* 2392
broadleaved evergreen forests 5820
*Bursaphelenchus xylophilus* 511, 515, 2448-2449, 6577, 8071
cankers 2392, 8010
*Capricornis crispus* 540-541, 8105
Caprifoliaceae 321
*Castanea* 2285
*Cephalcia ishikii* 513
*Cercidiphyllum japonicum* 7929
*Cervus nippon* 541, 8105
*Chamaecyparis obtusa* 187, 197, 249, 418, 541, 785, 1307, 1632, 1802, 2009, 2074-2075, 2829, 6237, 6586, 7051, 7096, 7297, 7561-7562, 7639, 7704
*Chamaecyparis pisifera* 1307
*Chlorosypha* 1632
chutes 156
*Cinara tujafilina* 1655
climate 2448-2449
*Cryphalus fulvus* 3912
*Cryptomeria japonica* 88, 113, 137, 144, 169, 197, 275, 285, 399, 418, 725, 727, 737, 935, 1307, 1335, 1436, 1442, 1617, 1632, 1801, 2074, 2093, 2488, 2829, 2842, 4300, 4858, 5326, 6215, 6237, 6586, 6813, 6995, 7561, 7566, 7623, 7630, 7783, 7927
cycling 1408-1409, 2828-2829
deer 8101
dendrochronology 1802
*Diaporthe conorum* 1632
*Diaporthe eres* 2392
*Diospyros kaki* 3892
*Dothiorella* 2392
dunes 1400, 1408
economics 229, 3305
edible fungi 6844
*Eotetranychus dissectus* 5964
*Eotetranychus tiliarius* 3920
*Epinotia granitalis* 7200
erosion 2308
evapotranspiration 2181
*Fagus crenata* 216, 414-415, 955, 1409, 2045, 2280, 7287, 7703, 8004
farm forestry 3184
fences 540, 8105
fertilizers 88, 249
flowering 5820
foliage 7801
forest fires 870, 6370
forest influences 290, 1104-1105, 1107, 2181
forest inventories 2074-2075
forest litter 248-249, 794, 2804, 7704
forest management 418, 3545, 7639, 7648
forest ownership 1127
forest policy 1185, 3304-3305
forest recreation 8173
forestry 4583
forestry development 3303
frost injury 785
galls 7166
ground vegetation 1600
groundwater 793
*Guignardia cryptomeriae* 1632
*Heteropsylla cubana* 7188
history 4583
humidity 192
humus 1410, 7703
hydrology 1102, 1104, 2181, 2489, 8111
improvement fellings 144
insecticides 2828-2829
international cooperation 3250
*Ips cembrae* 1674
*Ips typographus* 7231
*Kalopanax pictus* 272
land use 215

**Japan** *cont.*
landscape 7363, 7520
landslides 1107
*Larix* 229, 7973
*Larix decidua* 5966
*Larix kamtschatica* 7244
*Larix kamtschatica* × *L. leptolepis* 7244
*Larix leptolepis* 426, 1307, 1674, 2804, 5617, 5966, 7244
legislation 1185
*Leucaena leucocephala* 7188
light 294, 1388
*Lindera* 6451
*Lonicera* 321
*Lymantria dispar* 7194, 8033
*Magnolia kobus* 272
*Magnolia obovata* 272
*Mallotus japonicus* 3791
maps 2093
*Matsucoccus matsumurae* 8029
medicinal plants 7010
mixtures 238, 418, 6237, 7562
*Monochamus alternatus* 511, 2448, 3137, 8050, 8053
mountain forests 414-415
national parks 5424
natural regeneration 568, 870, 2280, 7079
nature conservation 4000-4001, 5424
Nematoda 2448, 8073
nurseries 5557
old and fossil wood 7929
*Ooencyrtus kuvanae* 8033
palaeoecology 401
*Paulownia* 2392
*Periphyllus californiensis* 5919
phenology 5820
*Picea abies* 513
*Picea glehnii* 3818, 7231
*Picea jezoensis* 4464, 7079, 7231
*Pinus* 307, 2444-2445, 2448-2449, 7800, 8029
*Pinus banksiana* 272
*Pinus densiflora* 373, 417-418, 511, 669, 2009, 3545, 6577, 6786, 7562, 7704, 8071
*Pinus koraiensis* 2264, 5821
*Pinus strobus* 272
*Pinus sylvestris* 272
*Pinus thunbergii* 247, 437, 569, 669, 1400, 1408-1409, 7562, 7704
pioneer species 3791
plant succession 2319
*Pleioblastus pygmaeus* 7520
pollination 5820
*Ponticulothrips diospyrosi* 3892
*Populus maximowiczii* 272
*Pristiphora erichsonii* 7244-7245
private forestry 229, 1127, 3545
*Prunus grayana* 7010
*Pseudosasa purpurascens* 4300
*Quercus acutissima* 7040
*Quercus crispula* 4359, 7703
*Quercus serrata* 417
radionuclides 4281
remote sensing 215, 1379
*Resseliella odai* 5326
roads 206, 209, 7363, 7642, 7644-7645, 7647
*Robinia pseudoacacia* 247, 1408-1409
rodents 7287
runoff 548, 1104-1105, 1704-1705, 2181, 7780, 8111, 8116-8117
rust diseases 1058
*Salix gilgiana* 7082
*Sambucus* 321
Scarabaeidae 6586
*Sciurus vulgaris* 5821
*Scolytoplatypus shogun* 8004
seed dispersal 2264
*Shibataea kumasaca* 7520
shifting cultivation 1126
silvicultural conversion 6237
silvicultural systems 3421
slash 609
snow 169, 737, 785, 1436, 1704, 2093, 2280, 8117
soil chemistry 1400, 2828-2829
soil physics 794, 1400
soil types 2286

**Japan** *cont.*
soil water 1398
solar radiation 1388, 1442
stand characteristics 143-144, 397, 422, 568, 2285, 7562, 7925-7926
*Steinernema* 6586
streams 548
street trees 569
synecology 951, 2280, 2308, 3019, 3819, 7927, 8101
taungya 1126, 3214
taxes 3304, 7447
*Telenomus* 8033
*Thecodiplosis japonensis* 514, 1676, 2444-2445
thinning 156
*Thuja orientalis* 1655
*Thuja standishii* 7929
*Thujopsis dolabrata* 171, 935
transpiration 2488
*Trema orientalis* 7166
*Trichogramma dendrolimi* 8033
*Trisetacus laricis* 5966
*Tsuga diversifolia* 426, 7079
*Tsuga sieboldii* 248, 4300, 7926
*Tuberculatia* 2392
*Tyndarichus navae* 8033
underwood 1601, 2308, 7096
urban forestry 569
*Ursus thibetanus* 169
*Valsa abietis* 1632
*Valsa paulownia* 2392
vegetation types 192, 294, 414-415, 417, 422, 2285-2286, 3818-3819
*Viburnum* 321
volcanoes 426, 2319
water conservation 1105, 1704
weed control 5557
*Weigela* 321
wind damage 238, 785
*Zabelia* 321
***Jatropha,*** increment 7621
***Jatropha curcas***
multipurpose trees 7838
plant composition 7838
poisonous plants 7838
seeds 7838
***Jatropha multifida***
glycosides 7841
latex 7841
medicinal plants 7841
***Jessenia bataua***
fruiting 2703
oils 2703
reproductive behaviour 2703
reviews 1453
***Joannesia princeps***
biomass 3596
forest litter 3596
soil fertility 3596
**Jordan**
erosion control 676
*Pinus halepensis* 676
site class assessment 676
***Jubaea chilensis***
embryo culture 6744
seed germination 6744
***Juglans***
deer 5340
foliage 3574
frost resistance 3574
genetic engineering 3850
genetic resources 4418
plant water relations 3574
provenance 3574
roots 3574
tissue culture 3850
***Juglans californica,*** genetics 3035
***Juglans hindsii***
genetics 3035
viral diseases 492
***Juglans mandshurica***
plant composition 1515
wood anatomy 313
***Juglans nigra***
agroforestry 5521
allelopathy 3827
bark 1042
biomass 4200, 6127
choice of species 5521
cork 1042

***Juglans nigra*** *cont.*
Czechoslovakia 6127
foliage 2884
fungi 1042
German Federal Republic 2614
growth regulators 7049
increment 3341
leaf area index 4200
logging 2314
mined land 2522, 7319
mixtures 2012, 4200, 4811
natural regeneration 6779
New Zealand 1821
nutrient uptake 4811
plant nutrition 2125
planting season 100
planting stock 100, 1982
progeny testing 6505
provenance 628, 6133
reclamation 2522, 7319
seed sources 628
silviculture 1821, 4811
soil compaction 7319
species trials 3281
stand characteristics 3341
symbiosis 2125
tree breeding 1821
volume 4200
***Juglans regia***
biochemistry 911
flavanols 5790
grafting 1238
growth regulators 1238
nuts 4178
pollen 911
tissue culture 648, 7506
tree breeding 4418
vegetative propagation 647
viral diseases 492
***Juglans sieboldiana,*** fibres 1475
***Juglans sinensis,*** tissue culture 640
***Julbernardia***
charcoal 3963
clear felling 1968
natural regeneration 1968
stand characteristics 1968
***Julbernardia globiflora***
elephants 3012
forest fires 3012
***Julbernardia paniculata***
browse 6601
elephants 6601
***Junghuhnia vincta*** 1636
***Juniperus***
dendroclimatology 4574
forest fires 872
grazing 5339
insect pests, *Reticulitermes* 1553
nurseries 3240-3241
palaeoecology 2999
volume tables 6854
wood chemistry 1553
***Juniperus americana,*** birds 1096
***Juniperus chinensis***
afforestation 3947
chromosomes 7919
foliage 7767
frost resistance 4252
fungal diseases, *Phomopsis* 471
insect pests, *Cinara* 1656
plant morphology 7919
sandy soils 4272
sulfur dioxide 7767
taxonomy 7919
water uptake 4272
***Juniperus communis***
edible species 6413
essential oils 6413
foliage 6413
fruit 6413
mistletoes 3887
plant succession 5215
terpenoids 6413
vegetation types 7084
***Juniperus coreana***
chromosomes 7919
plant morphology 7919
taxonomy 7919
***Juniperus deppeana***
agroforestry 1756, 5402
forest influences 5402

***Juniperus deppeana*** *cont.*
forest management 5672
***Juniperus excelsa***
seed germination 7486
seed treatment 7486
***Juniperus monosperma,*** forest management 5672
***Juniperus occidentalis***
dormancy 4717
foliage 4834
forest management 5672
growth regulators 4717
palaeoecology 5171
seed germination 4717
seed treatment 4717
seeds 4717
***Juniperus osteosperma***
competition 3793, 5836
distribution 5178-5179
dormancy 4717
forest management 5672
growth regulators 4717
natural regeneration 4133
photosynthesis 5178
plant water relations 4133, 5178
rangelands 7553
seed germination 4717
seed treatment 4717
seeds 4717
synecology 3793
volume tables 4195
water stress 5836
weed control 7553
***Juniperus oxycedrus***
bark 1465
grazing 1693
mistletoes 3887
rangelands 1693
***Juniperus phoenicea,*** plant water relations 256
***Juniperus pinchotii***
competition 4130
coppice 4130
grazing 8094, 8096
rangelands 8094, 8096
synecology 8094
***Juniperus procumbens,*** air pollution 7746
***Juniperus przewalskii***
seed germination 6751
seed treatment 6751
***Juniperus rigida***
chromosomes 7919
plant morphology 7919
taxonomy 7919
***Juniperus sabina***
foliage 2924
lignans 2924
***Juniperus saltuoria,*** dendroclimatology 4574
***Juniperus sargentii***
chromosomes 7919
plant morphology 7919
taxonomy 7919
***Juniperus scopulorum***
birds 1088
competition 3793
drought injury 5528
forest management 5672
insect pests, *Reticulitermes* 1553
provenance 5528
seedlings 5528
synecology 3793
wood chemistry 1553
***Juniperus thurifera***
humus 3587
lignans 5064
***Juniperus virginiana***
bark 1465
chromosomes 7919
controlled burning 7100
drought injury 5528
fungal diseases, *Phomopsis* 471
insect pests
*Cinara* 1656
*Thyridopteryx* 7215
plant morphology 7919
plant succession 7100
provenance 5528
seedlings 5528
taxonomy 7919
***Juniperus wallichiana,*** dendroclimatology 4574
**Juvenile wood** 282, 3652, 4205
**Juvenility** 1245, 1253, 2878, 4129, 4348, 5797, 5801, 7883
***Kachuga tentoria*** 7289
***Kalappia celebica***
natural regeneration 7947
stand characteristics 7947
synecology 7947
**Kalimantan**
biomass 747
*Dinochloa darvelana* 1591
vegetation types 747
***Kalopanax pictus***
acid rain 272
wood chemistry 264
***Kalotermes banksiae*** 5301
***Kaltenbachiola strobi*** 5961
***Kandelia candel***
China, Zhejiang 6248
increment 738
pollen 2879
reproductive behaviour 2268
roots 318
shelterbelts 6248
silviculture 6248
***Keetia gueinzii,*** taxonomy 6447
**Kenya**
*Acacia nilotica* 3767
*Acacia tortilis* 4304
*Adansonia digitata* 395, 4304
afforestation 3175, 6006
agroforestry 1118, 1760, 1779, 2537, 3175, 3192, 3199, 3210, 3216, 4399, 4544, 6033-6034, 6055, 8137, 8142
books 3256, 4580
*Catha edulis* 5634
choice of species 5420
*Cordeauxia edulis* 6265
dams 4399
economics 1180
education 3256
*Encephalartos voiensis* 943
erosion 1760
erosion control 5754
farm forestry 3175
*Ficus* 6374
forest influences 5754
forestry 1180, 3256, 4580
fuelwood 3217
green manures 6055
land use 1159, 1779
legislation 6034
medicinal plants 5634
mined land 3175
multipurpose trees 6265
rangelands 2867
reclamation 3175
research 3199
rural economy 5634
savannas 7609
seed collection 2632
seeds 6741
shade trees 1438, 4544
social forestry 1159, 3217, 5420
soil conservation 1760, 2537, 6006
species trials 3210
sustainable land use 1159
synecology 7609
vegetation types 4399
water conservation 6006
woody plants 4580
***Keteleeria,*** distribution 3799
***Keteleeria calcarea***
chromosomes 3828
evolution 3828
***Keteleeria cyclolepis***
chromosomes 3828
evolution 3828
***Keteleeria davidiana,*** taxonomy 5145
***Keteleeria evelyniana***
insect pests, *Blastopetrova* 4479
taxonomy 5145
***Keteleeria formosana***
chromosomes 3828
evolution 3828
***Keteleeria fortunei,*** taxonomy 5145
***Keteleeria oblonga***
chromosomes 3828
***Keteleeria oblonga*** *cont.*
evolution 3828
**Keys** 390, 892, 1147, 1378, 2217, 3009, 3670, 3681-3682, 3774, 3784, 5830, 6927, 7817
*Calamus* 3670
***Khaya anthotheca***
agroforestry 1124
fuelwood 3331
Indonesia 3331
spacing 1124
species trials 3331
***Khaya grandifoliola***
wood anatomy 309
wood chemistry 309, 4341
***Khaya ivorensis***
forest fires 296
natural regeneration 296
support trees 2029
***Khaya nyasica,*** insect pests, *Heteronygmia* 4516
***Khaya senegalensis***
browsing damage 3932
wood chemistry 4341
***Kielmeyera coriacea,*** seeds 3360
**Kiribati,** agroforestry 5475
***Kleinhovia hospita***
reproductive behaviour 5128
vegetation types 6471
***Knema laurina,*** vegetation types 2483
***Knightia excelsa***
opossums 5344
plant succession 7920
**Knots** 3674, 5637
***Kochia prostrata***
fodder 7112
tree breeding 7112
***Koelreuteria paniculata***
landscape 7362
roots 1800
street trees 1800
***Koilodepas bantamense,*** vegetation types 2484
***Kokoona zeylanica***
bark 2229
roots 2229
terpenoids 2229
***Koompassia malaccensis,*** seedlings 3785
**Korea Democratic People's Republic**
forestry 3302
ornamental woody plants 4007
**Korea Republic**
*Acantholyda posticalis* 521
acid rain 2865
afforestation 3947
*Agelastica coerulea* 3123
*Alnus hirsuta* 3419, 3947
*Anastatus* 8033
*Buxus microphylla* 3947
*Carpinus laxiflora* 7957
*Castanea crenata* 7965
*Chamaecyparis obtusa* 1025, 2666, 7612
choice of species 2730
cooperatives 208
*Cryptomeria japonica* 1108, 3501
*Dioryctria abietella* 507
dunes 7781
erosion 3947
erosion control 3022
forest influences 2865-2866
forest management 208, 2751, 7418
forest recreation 8172, 8174
*Forsythia viridissima* 3947
*Gravitarmata margarotana* 507
hydrology 2866, 8115
*Hyphantria cunea* 3097
*Inostemma hockpari* 3919
*Juniperus* 7919
*Juniperus chinensis* 3947
*Larix eurolepis* 615
*Larix leptolepis* 136, 615, 2730, 3458, 7610
*Lophodermium* 490
*Lymantria dispar* 8033
*Matsucoccus thunbergianae* 5917
national parks 8172
*Ooencyrtus kuvanae* 8033
*Parus ater* 3935
*Phyllostachys bambusoides* 7679
*Pinus* 1609, 3130

**Korea Republic** *cont.*
*Pinus densiflora* 149, 331, 435, 1023, 1610, 2729-2730, 4112, 7957, 7965, 8070, 8179
*Pinus koraiensis* 191, 436, 490, 521, 2730, 3451, 3936, 7610, 8179
*Pinus rigida* 2690, 3947, 7965
*Pinus rigida* × *P. taeda* 7965
*Pinus strobus* 614
*Pinus sylvestris* 613
*Pinus thunbergii* 149, 175, 2665, 5917, 7781
plant succession 3022, 7957
Platypodidae 7228
*Populus alba* × *P. glandulosa* 4146, 7965
provenance 613-615
*Quercus* 8070
*Quercus acutissima* 191, 3451
*Quercus mongolica* 2744, 7957
*Quercus variabilis* 7957
roads 2750, 3794
runoff 2866
*Saperda populnea* 3914
*Sciurus vulgaris* 3936
Scolytidae 7228
seed orchards 632
shelterbelts 1108
site class assessment 2730
soil chemistry 3022
soil depth 3022
stemflow 2865, 8115
synecology 3794, 7957
taxes 2593
*Telenomus* 8033
*Thecodiplosis japonensis* 1609, 3130, 3917, 3919, 8070
throughfall 2865, 8115
tree breeding 7965
*Trichogramma dendrolimi* 8033
*Tyndarichus navae* 8033
*Uredinopsis komagatakensis* 3875
vegetation types 3022
water conservation 2866
weed control 2665, 4146
***Korthalsia***
forest inventories 7660
keys 3784
plant anatomy 2890
***Korthalsia scaphigera,*** forest inventories 7660
***Kraschenninnikovia***
fodder 7112
tree breeding 7112
**KUK cultivator** 6824
**Kuloo scarifier** 2701
***Kunzea ericoides***
plant succession 7920
synecology 7920
**Labour**
agroforestry 2534, 2545, 3190, 3989, 3994, 4555
economics 4673
forestry 43-48, 608, 1197-1198, 1316, 1853, 2596, 2601, 3297, 3323, 4063, 4671-4673, 4676, 5510, 6124, 6705-6707, 7584
history 3297
statistics 47
***Laburnum anagyroides***
alkaloids 2896
fruit 2896
***Laburnum watereri,*** alkaloids 5082
**Lac** 1499, 2031
***Laccaria bicolor*** 3045, 4742-4743, 5258, 5269, 7128-7129
***Laccaria laccata*** 1044, 3854, 5879-5880, 6192, 7130
***Lachnellula willkommii*** (*see Trichoscyphella willkommii*)
***Lacinipolia patalis*** 3093
***Lactarius*** 6845
***Laetia thamnia,*** increment 7621
***Laetiporus sulphureus*** 6514
***Lagarostrobos***
foliage 4367
taxonomy 4367-4368
***Lagarostrobus franklinii***
distribution 6908
frost resistance 6908
photosynthesis 6908
***Lagerstroemia excelsa***
plant morphology 7916
taxonomy 7916
***Lagerstroemia lanceolata***
plant nutrition 2138
seedlings 2138
***Lagerstroemia microcarpa***
synecology 7094, 7782, 7943
vegetation types 2303
wood anatomy 1467
***Lagerstroemia parviflora***
lageflorin 2931
seed germination 7492
***Lagerstroemia speciosa***
insect pests 2418
plantations 1452
seeds 2418
underplanting 1989
weeds 1452
***Laguncularia racemosa,*** wood anatomy 888
***Lambdina fiscellaria*** 524, 7265, 8088
reviews 7217
**Lammas growth** 924, 6377, 7804
***Lamprobyrrhulus nitidus*** 8021
***Lampronadata cristata*** 3138
**Land classification** 217, 1001, 1375, 1724-1728, 7309, 7401
**Land clearance** (*see also* Site preparation)
**Land reclamation** (*see* Reclamation)
**Land use**
bibliographies 6664
books 3
Burkina Faso 1159, 3563
Canada, Quebec 6664
classification 2762
computer techniques 1763
conferences 13, 1159, 4021
Costa Rica 5382
ecology 2527, 3181, 4391, 5380, 5382
economics 1763, 3181, 3958, 6018-6019, 6026, 7320
French Guiana 8127
German Federal Republic 7294
Ghana 7324
Hungary 3958, 7320
hydrology 1700, 7294, 8127
India 1159, 1368, 4592
Uttar Pradesh 1177
Indonesia 1159, 4537
Jamaica 1827
Japan 215
Kenya 1159
Malaysia 1368
maps 215, 554, 1117, 4884, 4888
methodology 1116
Mexico 6619, 7340
Nepal 554, 2527
Philippines 1368, 6026
planning 1763
Australia 2300
Queensland 1722
Victoria 2524
Canada, Alberta 6019
Caribbean 1116
Central America 1116
China, Heilongjiang 3181
Ethiopia 4884
German Federal Republic 3179, 6606
India 591, 4547, 7404
Uttar Pradesh 1723
Jamaica 1772
Kenya 1779
Panama 1116
Peru 6020
Philippines 3167
Sierra Leone 2544
Somalia 3178, 4539, 6620, 7356
Switzerland 1117, 2525, 3180, 5383, 7665
Tropics 13, 30, 1779
USA 3959, 6621, 6876
Vanuatu 3311
Venezuela 2528
policy 1368, 4217, 4536, 7322
Portugal 4538, 5380
simulation 20, 4549, 6876
site types 2525
Spain 5380
Sri Lanka 1159
**Land use** *cont.*
statistical methods 6876
Sweden 4536
Syria 7435
Thailand 7322
UK 3961, 6018, 7323
USA
Arizona 4217
Colorado 4391
Virginia 5694
Wisconsin 1370
Zaire 4549
Zambia 7337
**Landscape** 207, 1133-1134, 1139, 1457, 1799, 1817, 2558, 3290, 4004-4006, 4023, 4030, 4336, 4563, 5427, 6067, 6637, 6639, 7361-7363, 7407, 7520, 8175
books 2570
**Landscape ecology** 974-978, 1134, 1650, 2414
reviews 6638
**Landslides** 1107, 1707, 4022, 4529, 4871, 7309
***Lannea coromandelica***
agroforestry 1745
forest litter 4926
insect pests 1649
soil biology 2814
wood anatomy 3682
***Lannea grandis***
biomass 2060
plant composition 2060
***Lantana camara,*** control 7193
**Lao**
education 1179
forest resources 1845
forestry 1179
***Lapparis tomentosa,*** medicinal plants 903
***Larix***
cleaning 4784
damping off 7171
dendrochronology 5316
diameter 5638
distribution 3799
economics 229
genetics 581
German Federal Republic 7470
grafting 6757
grasses 6228
height 4806, 5638
herbicides 4122
hybrids 4415
increment 4415
insect pests
Buprestidae 7226
Cerambycidae 7226
*Coleophora* 3144
*Dendrolimus* 7226
*Ips* 7226
*Tetropium* 8059
*Zeiraphera* 5316, 5936
Japan 229
logging 229
mined land 797
mixtures 4806, 8059
mountain forests 4784
nurseries 581, 4122
phenology 6989
plant composition 797
polluted soils 6777
private forestry 229
pruning 4798, 6812
seed germination 5539
seed treatment 5539
shoot cuttings 6757-6759
soil chemistry 797
stem form 4415
thinning 4151, 6989
tree breeding 581
weed control 2688, 4122, 6228
yield forecasting 581
***Larix dahurica*** (*see Larix gmelinii*)
***Larix decidua***
Acari 5966
air pollution 4019, 4964
altitude 2988
artificial regeneration 4161
bare rooted stock 4754
biochemistry 5092, 7885
bonsai 2562

***Larix decidua*** *cont.*
cleaning 4161
cones 7266
containers 4754
cytology 7885
deer 2469, 5348
dendrochronology 4019, 4573, 5172, 5443
dieback 4019
embryology 7479
enzymes 5092, 7885
foliage 2562
fungal diseases, *Trichoscyphella* 485
German Democratic Republic 6245, 6272
German Federal Republic 1719-1720, 5581
growth regulators 71, 4742
habit 5009
humus 7688
hybrids 7972
increment 3652, 6272
insect pests 7276
*Megastigmus* 7266
*Pristiphora* 1075
*Resseliella* 7266
*Strobilomyia* 7266
loess soils 5581
mechanics 5009
mixtures 4161, 5581
mycorrhizas 4742, 6192
natural regeneration 4161
nature conservation 5348
nurseries 6192
old and fossil wood 5443
palaeoecology 5172
phenology 1458
plant nutrition 812
plant succession 3003
pollen 7885, 7968
pollination 7479
provenance 52, 1858, 5523, 5525, 7466
roadside plantations 6272
sandy soils 5581
seed orchards 7266
seeds 7266, 7479, 7968
shoot cuttings 71, 4742, 5525
shoots 5009
silvicultural conversion 6245
soil chemistry 812
soil pH 2807
soil structure 2807
soil toxicity 812
soil types 2807
spacing 7569
species trials 1292
stand characteristics 2988, 6272
Switzerland 8119
synecology 2988
tissue culture 1933, 7506
tree breeding 3652, 4415
treelines 3003
veteran or remarkable trees 6272
weed control 3450, 5585
weeds 3452
wood properties 3652
zoning 3003

***Larix decidua*** × ***L. gmelinii***
increment 7972
stem form 7972

***Larix eurolepis***
afforestation 863
browsing damage 2049
competition 2049
fungal diseases, *Trichoscyphella* 485
increment 2049, 7972
mycorrhizas 454
provenance 615
stem form 7972
tissue culture 3384
tree breeding 4415

***Larix gmelinii***
artificial regeneration 6782
birds 539
dead trees 539
foliage 2704
hybrids 434
natural regeneration 6782
plant composition 1505
resin tapping 2704
resins 2704

***Larix gmelinii*** *cont.*
seed germination 4697
seed treatment 4697
seeds 4697
wood chemistry 343

***Larix gmelinii*** × ***L. leptolepis,*** seed germination 434

***Larix kaempferi*** *(see Larix leptolepis)*

***Larix kamtschatica***
hybrids 7973
insect pests, *Pristiphora* 7244

***Larix kamtschatica*** × ***L. leptolepis***
insect pests, *Pristiphora* 7244
Japan 7973

***Larix laricina***
artificial regeneration 6209
biomass 5647
cambium 3688
chlorophyll 2878
chromosomes 2878
fertilizers 1264
flowers 2878
foliage 2878
forest litter 5647
fungal diseases 581
*Ceratocystis* 1641
gene flow 1015
genetics 3832
German Federal Republic 2614
growth regulators 4743
insect pests 581
*Choristoneura* 3095
*Coleophora* 5312
*Dendroctonus* 6562
juvenility 2878
mycorrhizas 464, 4743, 7128
natural regeneration 6209
provenance 5523
seeds 68
shoots 2878
spacing 146
species trials 1292
synecology 957
tissue culture 4743
tracheids 3688
tree breeding 438
vegetative propagation 2878
weed control 5585
wood anatomy 3688
wood chemistry 3688
yield forecasting 146

***Larix leptolepis***
Acari 5966
afforestation 863
callus 1674
decay fungi 1674
diameter 4833
early selection 7111
forest litter 2804
form factors 7610
fungal diseases, *Trichoscyphella* 485
German Federal Republic 2614, 5617
groundwater 793
hybrids 434, 7973
increment 5617
insect pests
*Ips* 1674, 3911
*Pristiphora* 7244
mixtures 4126
nurse trees 4807, 6799
photosynthesis 358, 7722
plant succession 426
plant water relations 7722
pollen 7968
provenance 52, 615, 5523
resins 1674
respiration 358
salt tolerance 7722
seedlings 358
site class assessment 2730, 4263
species trials 1292
stain fungi 1674
stems 283
thinning 136, 1307, 3458, 5602
tree breeding 4415, 5617, 7974
vegetative propagation 5617
wood anatomy 5617
wood properties 5617

***Larix occidentalis***
cones 7063
controlled burning 2869, 4993

***Larix occidentalis*** *cont.*
decay 5865
diameter 3494
frost injury 7063
fungal diseases
*Phytophthora* 4431
*Trichoscyphella* 485
grafting 6173
ice damage 5605
increment 5605
insect pests 7063
*Coleophora* 3092, 5605
*Dichelonyx* 8061
nurseries 6200
planting season 6219
planting stock 6219
seeds 7063
snow 5605
stumps 3494, 5865
thinning 5605
wind damage 5605
yield tables 6871

***Larix olgensis***
hybrids 7973
Korea Democratic People's Republic 3302
wood anatomy 332

***Larix principis-rupprechtii***
bark 4327
differentiation 4327
hybrids 7973
phenology 4327
provenance 4077

***Larix sibirica***
artificial regeneration 4771
dendroclimatology 4574
Iceland 1209
prostaglandins 2230
provenance 1209
shelterbelts 3952
wood anatomy 4296

***Larix speciosa,*** dendroclimatology 4574

***Larix sukaczewii***
Iceland 1209
provenance 1209

***Larrea tridentata***
lignans 7036
soil fauna 7714

**Latewood** 860, 1468, 1617, 2852, 2888, 4205, 4296, 5026, 5749-5750, 7627, 7826

**Latex** 6835, 7590, 7841

**Latin America**
agroforestry 1777, 8133-8134
arid regions 8134
*Bactris gasipaes* 1777
contour ridging 8133
credit 4587
forest management 7396
forestry development 4587
shifting cultivation 3182
sustainable land use 3182, 6660

**Lauraceae**
habit 5832
keys 5832
lignans 4825
medicinal plants 4825
nomenclature 2973
taxonomy 2973, 5832

***Laurelia novae-zelandiae,*** opossums 5344

***Laurelia philippiana***
nurseries 7475
seed germination 7475
seed production 6435
seed treatment 7475
stand characteristics 6476
vegetation types 7933

***Laurelia sempervirens***
nurseries 7475
seed germination 7475
seed production 6435
seed treatment 7475

***Laurinoxylon ruei,*** wood anatomy 7002

***Laurinoxylon uniseriatum,*** wood anatomy 7002

***Laurus nobilis***
essential oils 5626
foliage 5626
plant water relations 5726
provenance 5626

**Leaf area index** 775

**Leaf fall** (*see* Foliage, seasonal behaviour)
**Leases** 40
**Leaves** (*see* Foliage)
***Lecanosticta acicola*** (*see Mycosphaerella dearnessii*)
***Lecointea,*** taxonomy 5153
***Lecointea marcano-bertii,*** taxonomy 5153
***Lecointea peruviana,*** taxonomy 5153
***Lecythis ampla,*** natural regeneration 1969
**Legislation**
Australia 1821
Austria 7444
books 4012
Brazil 1129
Cape Verde 36
Chile 6291, 6697
conferences 585
European Communities 7964
German Federal Republic 601, 7445, 7964
history 4681
Hungary 4681
Jamaica 1827
Japan 1185
Kenya 6034
Nepal 1818, 6025, 7446
Somalia 1758, 6698
Sweden 4556
Switzerland 2592
Taiwan 2592
USA 1184, 4012, 5494, 6694
Texas 6699
**Leguminosae** 7103
agroforestry 1741
Bangladesh 3787
distribution 6457
fodder 1741
foliage 2609
green manures 1741, 3484
Indonesia 2609
insect pests 5319
medicinal plants 4825
mulching 1741
multipurpose trees 1741
plant composition 2609
seeds 5319
shifting cultivation 1741
synecology 4390
taxonomy 7127
***Leleba*** (*see Bambusa*)
***Lemurodendron,*** taxonomy 1584
***Lemurodendron capuronii,*** taxonomy 1584
**Leno scarifier** 6800
***Lentinus tigrinus*** 5712
***Lenzites sepiaria*** (*see Gloeophyllum sepiarium*)
***Lepidocaryum tessmannii***
foliage 6988
natural regeneration 6988
stand characteristics 6988
**Lepidoptera** 1069, 2459, 3149, 3906, 7258
***Lepidosaphes ulmi*** 7187
***Lepidothamnus***
foliage 4367
taxonomy 4367
***Lepidozamia peroffskyana,*** cytology 5024
***Leptobyrsa decora*** 7193
***Leptoglossus occidentalis*** 3148, 8041
***Leptographium terebrantis*** 8017
***Leptospermum,*** taxonomy 4366
***Leptospermum juniperinum***
fruit 3065
insect pests 3065
seeds 3065
***Leptospermum myrsinoides***
fruit 3065
insect pests 3065
seeds 3065
***Leptospermum scoparium***
plant succession 2316
synecology 4386
vegetation types 2316
***Leptostroma*** 2363
***Lepus americanus*** 5360
**Lesotho**
afforestation 1847
forestry 7437
forestry development 1847, 2591
fuel plantations 6060
research 7437
social forestry 6060
***Lespedeza angustifolioides,*** wood anatomy 2880
***Lespedeza bicolor,*** wood anatomy 2880
***Lespedeza cyrtobotrya,*** wood anatomy 2880
***Lespedeza maritima,*** wood anatomy 2880
***Lespedeza maximowiczii,*** wood anatomy 2880
***Lespedeza patentibicolor,*** wood anatomy 2880
***Lespedeza robusta,*** wood anatomy 2880
***Lespedeza thunbergii,*** wood anatomy 2880
***Lespedeza tomentella,*** wood anatomy 2880
***Leucadendron coniferum,*** pollution 2262
***Leucadendron daphnoides,*** pollution 2262
***Leucadendron laureolum,*** pollution 2262
***Leucadendron microcephalum,*** pollution 2262
***Leucadendron salignum,*** pollution 2262
***Leucadendron sessile,*** pollution 2262
***Leucadendron tinctum,*** pollution 2262
***Leucaena***
agroforestry 1740, 3201, 3965, 5397, 6011, 6052, 6057, 6624
autecology 5826
botany 5826
chromosomes 6444
cycling 4942
cytology 6444
erosion control 6011
fertilizers 5397
fibres 6415
fodder 5631
foliage 6416
hybrids 5976, 6444, 6541
insect pests 8080
*Heteropsylla* 5473, 5921-5922, 5927, 5929-5930, 5974-5978, 5980-5981, 6540-6541, 6588, 7256
plant composition 6416
pollen 6444
provenance 5975, 5977, 6539, 6541
reproductive behaviour 6444
shade trees 7256
species trials 5975, 5977, 6134, 6539
taxonomy 5826
tree breeding 5976, 6444
variation 5975-5977, 6416
wood chemistry 6415
***Leucaena collinsii***
flowering 7115
hybrids 7115
provenance 6134
***Leucaena diversifolia***
agroforestry 6032
choice of species 3351, 6032, 6136, 6138
distribution 7114
flowering 7115
fodder 1856, 1864
foliage 1856, 7726
frost resistance 6138
hybrids 6136, 7115
increment 53, 3348, 7468
insect pests, *Heteropsylla* 6136
multipurpose trees 7468
Nepal 1864
plant composition 1856, 7726
ploidy 7114
provenance 53, 1856, 5536, 6136
silviculture 3348
species trials 1856, 3348, 3351, 5536, 6136, 6138, 7468
tissue culture 4731
***Leucaena diversifolia* × *L. leucocephala***
choice of species 6138
frost resistance 6138
species trials 5536, 6138
***Leucaena esculenta***
flowering 7115
hybrids 7115
***Leucaena glauca*** (*see Leucaena leucocephala*)
***Leucaena greggii***
flowering 7115
hybrids 7115
***Leucaena lanceolata***
flowering 7115
hybrids 7115
***Leucaena leucocephala***
acid soils 6186, 7993
agroforestry 116, 153, 561, 1118, 1323, 1743, 1745, 1749-1750, 1768, 1773-1776, 2533, 2536-2537, 2543, 2546, 3187, 3189, 3192, 3194, 3200, 3204-3205, 3210, 3482, 4544, 4550-4551, 5389, 5399, 5408, 5412-5414, 6029-6030, 6032-6033, 6053, 6055-6056, 6625, 6627, 8154, 8160
allelopathy 6485
aquaculture 5369
bacteria 7126
biomass 1318, 1347, 1745, 3331, 4831, 4848, 7571
browse 4821
charcoal 7571, 7776
chlorosis 6351
choice of species 4064, 4082, 6032, 6136, 6138
competition 3446
coppice 3331, 6778
dieback 8008
drought resistance 6137
economics 228
enzymes 6426
eroded soils 5872
erosion control 3194, 6010
fertilizers 153, 1624, 2366, 3200, 3387-3388, 5249, 5737, 5757, 6186-6187, 6247, 6511, 7567, 7576
flowering 7115
flowers 5021, 6441
fodder 1323, 1749, 1856, 2707, 3483, 4181, 4820-4821, 5625, 6710, 7467, 7592
foliage 1318, 1347, 1745, 1856, 2653, 4820, 4831, 5021, 5625, 5627, 6416, 6426, 6710, 7592-7593, 7726, 7732
forest influences 5757, 7338
frost resistance 6138, 7676
fruit 5021, 6441
fuel plantations 4064
fuelwood 1749, 3331, 5414
fungal diseases
*Fusarium* 5886, 5905
*Gibberella* 5886, 5905
*Pirex* 8008
genetics 2361, 5860, 5864
grazing 3187
green manures 2023, 2705, 3484, 5412-5414, 5627, 6055-6056, 7593-7594
growing media 3414
hybrids 2361, 5860, 6136, 7115
improvement planting 1989
increment 53, 116, 3204, 3348, 7468, 7571
India
Karnataka 153
West Bengal 6030
Indonesia 3331, 6010
insect pests
*Araecerus* 6570
*Heteropsylla* 3152, 5331, 5918, 5923-5926, 5928, 5931-5932, 5979, 6010, 6136-6137, 6538-6539, 7188
*Microtermes* 3074
ionizing radiation 1878
irrigation 153
mimosine 6426, 6485
mixtures 1989, 7571, 7776
mulching 1259, 2792, 3482
multipurpose trees 3339, 7468
mycorrhizas 2366, 3852-3853, 5249, 5872
natural regeneration 5376
nitrogen fixation 1743, 5250, 5866, 5869
nutrient deficiencies 266, 3204, 5737, 6186
nutrient uptake 6186
ornamental woody plants 5021
plant anatomy 5021
plant composition 1743, 1856, 2832, 3204, 4820, 5737, 6416, 6710, 7726
plant morphology 5021

***Leucaena leucocephala*** *cont.*
plant nutrition 265, 452, 5737, 6351, 7732
plant physiology 6351
plantations 1452
provenance 1856, 5536, 6134-6137, 6710
pruning 1318
reproductive behaviour 6441
root nodules 3853, 3861, 5250, 5531, 5869, 6187, 6510-6511, 7126, 7732, 7993
roots 452, 1624
runoff 3194
salt tolerance 3743, 6427
seed germination 1876, 1878, 1889, 2620, 4711, 6156
seed treatment 1876, 1889, 2620, 4711, 6156, 6510
seedlings 266, 3743, 3861, 6351
seeds 153, 448, 1889, 2620, 6156, 6570
shade trees 3172, 4544, 5932
shelterbelts 5376, 7338
shifting cultivation 1764
silviculture 153, 1323, 3348
soil amendments 3414, 6187
soil chemistry 116, 1774, 3204, 5757, 8160
soil conservation 561, 2537
soil fertility 1774, 3204
soil pH 3861
soil physics 1775
soil temperature 2792
soil water 1773, 1776, 2792
spacing 116, 5757, 6247, 6441, 7567, 7576, 7592
species trials 1856, 3210, 3331, 3348-3349, 4694, 5531, 5536, 6132, 6136, 6138, 7464, 7467-7468
stand characteristics 7571
symbiosis 5250, 5866, 5869, 6187, 6510-6511, 7993
Taiwan 228
tissue culture 4729
tree breeding 2361
underplanting 1989
Vanuatu 3339
variation 6137, 6416
weed control 153
weeds 1452, 3446
wood anatomy 7814
wood properties 7776
***Leucaena leucocephala*** × ***L. pulverulenta,*** seed production 6504
***Leucaena macrophylla***
flowering 7115
hybrids 7115
***Leucaena multicapitula***
soil chemistry 6326
soil pH 6326
***Leucaena pallida***
choice of species 6136
flowering 7115
hybrids 6136, 7115
insect pests, *Heteropsylla* 6136
provenance 6136
species trials 6136
***Leucaena pulverulenta***
flowering 7115
fodder 1856
foliage 1856
hybrids 7115
plant composition 1856
provenance 5536
species trials 1856, 5536
***Leucaena retusa***
flowering 7115
hybrids 7115
***Leucaena shannoni***
flowering 7115
hybrids 7115
species trials 5536
***Leucaena shannonii***
fodder 1856
foliage 1856
plant composition 1856
species trials 1856
***Leucaena trichodes***
flowering 7115
hybrids 7115
***Leucocroton moncadae,*** wood anatomy 888
***Leucoma sericea*** 5311
***Leucopholis irrorata*** 3915
***Leucopogon parviflorus,*** mycorrhizas 7131
***Leucosceptrum canum,*** shoot cuttings 5630
***Leucosidea sericea,*** insect pests, Coleoptera 1074
***Leycesteria formosa***
fodder 1864
Nepal 1864
**Lianes** (*see* Climbers)
**Liberation felling** 110, 698, 3542, 4153
***Libocedrus,*** palaeoecology 402
***Libocedrus bidwillii***
foliage 7870
glycosides 7870
palaeoecology 2992
pollen 2992
wind damage 6320
***Libocedrus chilensis***
deer 1289
distribution 6393
natural regeneration 1289
silvicultural characters 6393
wood anatomy 6393
***Libocedrus decurrens***
forest litter 2109-2110
fungal diseases
*Gibberella* 2390
*Macrophomina* 7996
*Phytophthora* 4431
gene flow 1015
height 6848-6849
nurseries 1275
species trials 3337
tissue culture 1927
***Libocedrus formosana***
foliage 3716, 7869
growth models 6857
increment 1343, 6857
lignans 7869
photoperiodism 66
provenance 5518
seed germination 66
seeds 1220
species trials 5518
terpenoids 3716
wood chemistry 1538
***Libocedrus tetragona***
distribution 6394
silvicultural characters 6394
wood anatomy 6394
***Licania***
keys 7817
plant morphology 7817
***Licania micrantha,*** evapotranspiration 6934
***Licaria aurea***
fruit 5057
neolignans 5057
***Licaria chrysophylla***
fruit 7868
lignans 7868
plant composition 1502
wood chemistry 1502
***Licaria tomentosa,*** taxonomy 384
**Lichens** 274, 1604, 2307, 3629
***Licuala ferruginea,*** vegetation types 2483
**Light**
*Abies alba* 952
*Abies mariesii* 2280
*Acacia smallii* 2776
*Acer pseudoplatanus* 952
*Acer saccharum* 4903
*Acmena smithii* 6906
*Albizia procera* 1387
*Amphitecna tuxtlensis* 2777
*Anisoptera thurifera* 233
*Betula alleghaniensis* 5089
*Betula lenta* 5699
*Betula pubescens* 3572
*Brosimum alicastrum* 2777
*Butea monosperma* 1387
canopy 294, 781, 952, 1387, 1442, 2310, 3572, 4300, 4318, 4897, 4899, 5699, 7802
*Carapa guianensis* 2255
*Carya* 4899
*Cecropia obtusifolia* 2777
*Cedrus libani* 7543
*Chamaecyparis obtusa* 98
computer techniques 4897
**Light** *cont.*
*Cordia alliodora* 2255
*Cordia megalantha* 2777
*Cryptomeria japonica* 98, 1388, 1442
damage 233
*Dipteryx panamensis* 2255
*Dysoxylum spectabile* 2094
ecology 239, 1824, 2255, 2280, 2813, 2854, 3286, 4902-4903, 7097
*Fagus crenata* 2280
*Fagus grandifolia* 4903
*Fagus sylvatica* 952, 7887
*Hampea appendiculata* 2255
*Heliocarpus appendiculatus* 2255
*Hopea foxworthyi* 233
*Liquidambar styraciflua* 4982
*Lonchocarpus guatemalensis* 2777
methodology 4897, 7408
*Minquartia guianensis* 2255
*Mitragyne parviflora* 1387
*Myriocarpa longipes* 2777
*Ochroma pyramidale* 2255
*Omphalea oleifera* 2777
*Parashorea malaanonan* 233
*Pentaclethra macroloba* 2255
*Phyllostachys pubescens* 1325
*Picea abies* 783, 952, 2778
*Pinus banksiana* 4721
*Pinus densiflora* 98
*Pinus elliottii* 64
*Pinus palustris* 4251
*Pinus ponderosa* 7675
*Pinus radiata* 7664
*Pinus sibirica* 2087
*Pinus sylvestris* 4318, 7052, 7054, 7672
*Pinus taeda* 4251
*Piper aequale* 7670
*Piper auritum* 7670
*Piper hispidum* 7670
plant physiology 64, 1325, 1824, 2087, 2255, 4721, 5089, 5094, 6583, 6906, 7052, 7054, 7672, 7675, 7802, 7887
(*see also* Photoperiodism; Photosynthesis; Seedlings, light)
*Populus* 7802
*Populus tremula* 3572
*Populus trichocarpa* 4209
*Poulsenia armata* 2777
*Pseudolmedia oxyphyllaria* 2777
*Pseudosasa purpurascens* 4300
*Psychotria simiarum* 2777
*Quassia simarouba* 2255
*Quercus* 4899
*Quercus alba* 239
*Quercus coccifera* 3702
*Quercus rubra* 239, 5699
*Salix alba* 6860
*Salix viminalis* 4209
*Samanea saman* 5094
*Shorea almon* 233
*Shorea javanica* 3571
*Shorea polysperma* 233
simulation 7664
*Tectona grandis* 1387
*Terminalia tomentosa* 1387
*Tristania laurina* 6906
*Tsuga canadensis* 5699
*Vatica mangachapoi* 233
*Virola koschnyi* 2255
**Lightning** 787
**Lightwood** (*see* Resin tapping)
**Lignin**
chemistry 337, 1564
methodology 2239
structure 337
***Lignincola laevis*** 3589
***Ligustrum acutissima,*** pollen 4358
***Ligustrum sinense,*** pollen 4358
***Ligustrum vulgare***
epiphytes 4969
planting stock 4088
seeds 4088
silviculture 4088
***Limonia acidissima,*** coumarins 5046
***Lindera,*** taxonomy 3772
***Lindera aggregata,*** taxonomy 6451
***Lindera akoensis,*** vegetation types 6471
***Lindera erythrocarpa,*** taxonomy 6451
***Lindera sericea,*** taxonomy 6451

***Lindera umbellata***
chalcones 2899
taxonomy 6451
**Line planting/sowing** (*see* Improvement planting)
**Linear plantations** 2755, 7564
***Lingnania longianthera***, taxonomy 938
***Linociera domingensis***, increment 7621
***Liquidambar formosana***
foliage 1550
plant composition 1550
***Liquidambar styraciflua***
acid rain 2149
air pollution 2149, 2843
biomass 4845
crown 1331
dormancy 5720
forest inventories 6891
forest litter 2799
increment 5645
insect pests
*Otiorhynchus* 5967
*Prionoxystus* 3902
light 4982
mortality 5611, 7953
mycorrhizas 2368, 3581
natural regeneration 7953
nurseries 4067
ornamental woody plants 5720
photosynthesis 5090
plant composition 909
plant succession 7953
plant water relations 5720
provenance 4067
site class assessment 3518
soil compaction 3581
soil density 3581
soil physics 2368, 3581
soil types 2010, 5611
soil water potential 3581
species trials 3347
stand characteristics 2010
stems 4982
translocation 912
tree breeding 6501
volume tables 728
weed control 5645
weight tables 728
wind damage 4982
wood density 4982
wood properties 4982
***Liriodendron chinense***
growth models 6857
increment 6857
***Liriodendron tulipifera***
acid rain 2149
air pollution 2149, 7753
allelopathy 5226
artificial regeneration 683
callus 5041
competition 5226
crown 5641
cycling 6349
cytology 2781, 6402
foliage 2884, 5299, 5911
forest ecology 5911
forest litter 6922
gene flow 1015
German Federal Republic 2614
heat injury 2781
height 6278
increment 4776
insect pests 5299
*Illinoia* 5307
mine spoil 6922
mulching 4776
mycorrhizas 2368, 3581
natural regeneration 6779
nurseries 6199
optical properties 3277
plant composition 5911, 7037
plant succession 6483
reclamation 6922
seeds 7037
site class assessment 751, 6278
soil compaction 3581
soil density 3581
soil physics 2368, 3581
soil water potential 3581
synecology 6483
translocation 912
***Liriodendron tulipifera* cont.**
tree breeding 6501
vegetative propagation 3381
volume tables 728
weight tables 728
wounds 5041
***Liriodendroxylon princetonensis***
old and fossil wood 7811
palaeobotany 7811
***Lisianthus skinneri***, gene flow 1015
***Lithocarpus***
coppice 105
pollen 6998
taxonomy 6998
***Lithocarpus coopertus***
canopy 547
forest influences 547
precipitation 547
***Lithocarpus densiflorus***, height 6848-6849
***Lithocarpus jordanae***
canopy 547
forest influences 547
precipitation 547
***Litsea***, taxonomy 3772
***Litsea angulata***, synecology 406
***Litsea cubeba***, flowering 2972
***Litsea floribunda***
insect pests 1649
synecology 7944
***Litsea gardneri***
alkaloids 7878
bark 7878
***Litsea ghatica***
botany 5177
distribution 5177
taxonomy 5177
***Litsea khasiana***
biomass 5223
plant physiology 5223
plant succession 5223
***Litsea leefeana***, essential oils 5083
***Litsea monopetala***
fodder 1322, 1864
multipurpose trees 1322
Nepal 1864
**Litter** (*see* Forest litter; Humus)
**Liverworts** 4002, 7099
**Loans** (*see* Credit; Subsidies)
**Löbau planter** 6257
***Lochetia pimplaria*** 3088
**Logging**
computer techniques 4218-4219
damage 280, 854, 1279, 2163, 2699, 3049, 3542, 3643, 3645, 4290, 4293, 4977-4978, 5747, 5803, 6360, 6965, 7772-7773
ecology 142, 239, 1099-1101, 1279, 1650, 2294, 2314, 3269, 3532, 3539, 3610, 3661-3662, 3820, 3945, 4770, 4974, 6472, 6480, 6602, 7101, 7536, 7937, 7946
(*see also* Clear felling, ecology)
economics 229, 2774, 3269, 3539
erosion 217, 1099-1101, 3167, 4291, 5374
history 4661
hydrology 2664, 3943, 3945, 4293, 8113
landings 279, 3429, 3643
mechanization 4770
planning 217, 2071, 3541, 4218-4219, 4845, 4871
primary conversion 210
roots 280
seasonal variation 4977
slopes 217
smallwood 4845
soil 217, 279, 808, 853, 2664, 2793, 3429, 3644, 3820, 4260, 4290, 4871, 4975, 5716, 5736, 6911, 6965, 7101, 7773-7774
terrain classification 217
tree length logging 5736
whole tree logging 3532, 3610
work study 3539
**Logging machines**
computer techniques 4174
damage 7774
maintenance 4174
standards 1816
terminologies 579, 1816
***Lohita grandis*** 5304
***Lomatia dentata***
nurseries 7476
seed germination 7476
seed production 6435
seed treatment 7476
***Lomatia ferruginea***
nurseries 7476
seed germination 7476
seed treatment 7476
***Lomatia hirsuta***
nurseries 7476
seed germination 7476
seed treatment 7476
***Lonchaea corticis*** 3125
***Lonchocarpus guatemalensis***, light 2777
***Lonchocarpus leucanthus***
plant physiology 1568
roots 1568
***Lonchocarpus orotinus***
plant composition 902
seeds 902
***Longidorus*** 8072
***Lonicera***, wood anatomy 321
***Lonicera xylosteum***
planting stock 4088
seeds 4088
silviculture 4088
***Lophira alata***
antibiotics 1557
chalcones 1557
***Lophira lanceolata***
flavonoids 7015
medicinal plants 7015
***Lophodermium*** 490, 4262
***Lophodermium australe*** 8013
***Lophodermium baculiferum*** 6711
***Lophodermium maximum*** 7163
***Lophodermium pinastri*** 441, 490
***Lophodermium pini-pumilae*** 490
***Lophodermium seditiosum*** 5292, 7147
***Lopholaimus antarcticus*** 5351
***Loranthus europaeus*** 1648, 3061, 5253
***Loropetalum chinense***, flowers 5014
***Lorryia*** 5912
***Lovoa swynnertonii***, dieback 5105
***Lovoa trichilioides***, wood anatomy 316
***Loxodonta africana*** 6003, 6601
***Lucuma grandiflora***
calorific value 2225
wood chemistry 2225
wood density 2225
***Luehea speciosa***
increment 7621
nectar 7910
pollination 7910
sugars 7910
***Lulworthia*** 3589
***Lumnitzera littorea***, volume tables 178
***Lumnitzera racemosa***
embryology 2267
keys 3009
maps 3009
pollen 2879
reproductive behaviour 2267
roots 318
synecology 3009
**Lupins** 1714, 4749, 5555, 7555, 7574, 7702
***Lusibia nana*** 3088
**Luxembourg**
dieback 7060
forest inventories 6892
remote sensing 7060
***Lycium furcomanicum***, agroforestry 4546
***Lygus*** 2332, 8075
***Lygus lineolaris*** 6201
***Lygus rugulipennis*** 5306, 8027, 8075
***Lymantria dispar***
attractants 7252
bacterial diseases 3907
biology 2428, 3907, 4468, 5940, 6552, 7194, 7199
control 2428, 2460, 4468, 5335, 5970, 5972-5973, 6590, 7252, 7255, 7259-7260, 7275, 7278, 8085, 8089
damage 196, 2426, 4468, 5804, 5942-5943
economics 5947, 5970
forecasting 5942
fungal diseases 2460

*Lymantria dispar cont.*
host specificity 4474
increment 5947
methodology 7199
parasites 4468, 4474, 5935, 6543, 7260, 8033, 8039
population dynamics 2427-2428, 7199, 8089
predators 4468
trapping 3091
viruses 3907, 4474, 5935, 6544, 8089
*Lymantria monacha* 1083, 2464, 3089, 4510, 6556, 7255
*Lymantria ninayi* 3086
*Lyonia ovalifera,* forest litter 807
*Lysiloma sabicu,* wood anatomy 333
**Lysimeters** 6365
*Maackia amurensis,* landscape 7362
*Macadamia hildebrandii*
choice of species 49
plantations 1452
weeds 1452
*Macaranga,* insect pests, *Trabala* 8037
*Macaranga indica,* plant composition 1511
*Machaerium acutifolium,* biomass 3513
*Machilus kusanoi,* vegetation types 6471
*Macrolobium acaciaefolium,* wood anatomy 996
*Macropanax dispermum,* synecology 3804
*Macrophomina phaseolina* 2386, 2654, 7996, 7999-8000
*Macropus parryi* 6594
*Macropus rufogriseus* 6596
*Macropygia amboinensis* 5351
*Macrotermes* 7186
*Macrotermes barneyi* 5302
*Macrotermes falciger* 8077
*Macrotermes michaelseni* 8077
*Macrotermes natalensis* 8077
*Macrozamia communis*
genetics 5121
reproductive behaviour 5121
**Madagascar**
bibliographies 7389
*Dalbergia* 7830
*Diegodendron humbertii* 324
*Lemurodendron* 1584
*Lemurodendron capuronii* 1584
*Malleastrum letouzeyanum* 7065
*Malleastrum perrieri* 7065
*Malleastrum sambiranense* 7065
periodicals 7384
phenology 6383
vegetation types 6383
*Madhuca longifolia*
fruit 5125
pollen 5125
pollination 5125
reproductive behaviour 5125
seed production 5125
*Maerua crassifolia,* plant composition 7951
*Maesopsis eminii*
agroforestry 1122
fuelwood 3331
Indonesia 3331
plant composition 2245
seed germination 3356
seed treatment 3356
seeds 2245
species trials 3331
*Magnolia ashei*
seeds 2560
vegetative propagation 2560
*Magnolia grandiflora*
dormancy 5720
fertilizers 5437
mortality 7953
mulching 5437
natural regeneration 7953
ornamental woody plants 5720
plant succession 7953
plant water relations 5720
planting season 5437
roots 5039
*Magnolia henryi*
bark 3721
biphenyl 3721
*Magnolia hypoleuca*
acid rain 272
air pollution 7753
*Magnolia hypoleuca cont.*
fibres 1475, 7823
wood anatomy 313
*Magnolia kobus,* acid rain 272
*Magnolia soulangeana,* tissue culture 6163
*Magnolia virginiana,* insect pests, *Orgyia* 1657
*Mahonia bealei,* seed germination 3749
*Maireana,* rangelands 5988
*Maireana astrotricha*
rangelands 4880
remote sensing 4880
*Maireana sedifolia*
rangelands 4880
remote sensing 4880
*Malacosoma americanum* 7275
*Malacosoma neustria* 1082, 8039
**Malawi**
agroforestry 5412, 6053
browse 6601
*Eucalyptus camaldulensis* 2680
fuel plantations 6060
*Gliricidia sepium* 1871
multipurpose trees 7726
planting stock 2680
provenance 1871
social forestry 6060
**Malaysia**
*Acacia mangium* 3300, 6791
acid soils 7993
afforestation 6791
agroforestry 5389
*Albizia falcataria* 3300, 6791
canes and rattans 2890, 3784, 5265
choice of species 3300
deforestation 8130
diseases 3249
economics 3300
ferns 5594
forest influences 8130
forest management 1368
forest resources 1279
fungal diseases 5265
*Gmelina arborea* 654, 3300, 6791
*Goniothalamus* 7013
*Heteropsylla cubana* 5927
*Hevea brasiliensis* 734, 3300
hydrology 7292, 8130
Isoptera 7186
land use 1368
*Leucaena leucocephala* 7993
logging 1279, 4975
periodicals 3249
plantations 3300, 6791
private forestry 3300
rain forests 7292
remote sensing 773
*Rhizophora mucronata* 5594
runoff 7292
shade trees 8131
*Shorea* 3300
silvicultural systems 1279
silviculture 4172
soil compaction 4975
soil types 654
sustainable land use 1368
*Trigonobalanus verticillata* 387
vegetation types 4172, 5194
watersheds 8130
**Mali**
*Acacia albida* 6385
*Adansonia digitata* 395
remote sensing 6460
*Malleastrum letouzeyanum,* taxonomy 7065
*Malleastrum perrieri,* taxonomy 7065
*Malleastrum sambiranense,* taxonomy 7065
*Mallotus japonicus*
seed germination 3791
tannins 7842
temperature 3791
wood anatomy 313
*Mallotus philippensis*
insect pests, *Trabala* 8037
synecology 5183
**Malpighiaceae,** reproductive behaviour 1579
*Malus*
bacteria 7125
irrigation 6614
*Malus cont.*
nurseries 3241
ornamental woody plants 7374
sap 7125
shelterbelts 6614
vegetative propagation 7374
yeasts 7125
*Malus sylvestris,* seeds 7968
*Malus toringo*
ornamental woody plants 7370
planting stock 7370
pruning 7370
**Mammals** 2478, 5357, 5997, 6597, 6667, 7245, 8099
*Mammea siamensis,* flavonoids 7020
**Management** (*see* Forest management)
*Mangifera,* fruit 6269
*Mangifera indica*
agroforestry 6484
air pollution 2157
allelopathy 6484
bark 7008
embryo culture 6159
nurseries 5343
plant composition 7008
seeds 2875
shade trees 6484
terpenoids 7008
wood anatomy 3682
*Mangifera sylvatica,* wood anatomy 3682
**Mangroves**
Australia, Queensland 255, 3009, 3798, 4363, 4485
books 4589
Central America 5148
China 738, 4385
classification 1597
Colombia 1597
damage 4485, 8074
ecology 391, 412, 546, 984, 1399, 1562, 2306, 3229, 3588, 3659, 3798, 3807-3808, 3934, 4363, 4385, 4909, 4924, 4927, 5148, 5162, 5188, 5350, 5422
embryology 2267
Federated States of Micronesia 178
French Guiana 7795
India 5350
Andaman and Nicobar Islands 2520, 5949, 7057
Andhra Pradesh 5188
Tamil Nadu 5008
West Bengal 1445
Indonesia 3229, 3588, 3659, 3807-3808, 3934, 4927, 7728
management 1597, 2520, 2528, 5350, 5369
measurement 178
Nigeria 546
Peru 981
Philippines 3953
reproductive behaviour 2267-2268
Sarawak 4924
silviculture 112, 2306, 3953, 5369, 6248
Singapore 3589
South Africa 4909
Taiwan 318, 4385
utilization 112, 546, 2520, 3229, 3953, 5369
Venezuela 2528
*Manilkara bidentata,* latex 7590
*Manilkara kauki,* nurseries 1958
*Manilkara zapota,* agroforestry 2546
*Mansonia altissima*
seed germination 3361
seeds 3361
**Manure** (*see* Fertilizers, animal products)
**Mapping** 1131, 1163, 1380, 2761, 3228, 4226, 4878, 4887, 5686, 7421, 8171
**Maps** 219-220, 404, 554, 992, 1724-1728, 2093, 3009, 3292, 4654, 4999, 5383, 5683, 6336, 6894-6896, 7665
*Mariannaea clavispora* 475
**Marienberg planter** 6213
**Marine fungi** 3589, 4927
*Markhamia lutea*
agroforestry 3200, 5397
fertilizers 3200, 5397
**Marking**
data processing 6880

**Marking** *cont.*
simulation 6880
trees 6880
***Marquesia macroura*,** controlled burning 2184
***Marssonina salicicola*** 1643
***Martes pennanti*** 1095
***Mastichodendron foetidissimum***
increment 7621
insect pests
*Megacyllene* 8055
*Pinthocoelium* 8055
***Matayba apetala***
increment 7621
wood anatomy 333
**Match manufacture** 3352
**Mathematics** 923, 2582, 7961
***Matisia*,** taxonomy 5159
***Matisia exalata*,** taxonomy 2274
***Matsucoccus*** 2450
***Matsucoccus josephi*** 3896-3897, 6579-6580, 7251
***Matsucoccus matsumurae*** 4511, 8029
***Matsucoccus thunbergianae*** 5917
**Mauritania**
books 1147
flora 1147
keys 1147
nomenclature 1147
vegetation types 1147
**Mauritius,** *Azadirachta indica* 3701
***Maytenus boaria*,** variation 6500
***Maytenus guianensis*,** wood chemistry 1522
**Mbg planter** 6257
**Measurement**
conversion tables 7564
equipment 4575
roundwood 1336, 3506, 5635, 6274
storage 5635
systems 4575
volume 1336, 3506, 5635, 7564
weight 5635
**Mechanization** 7393
computer techniques 5501, 6250
conferences 4018, 6671
data processing 5501
economics 779, 1383-1384, 1386, 6252
labour 4018, 4058
maintenance 4176, 6250, 6252
methodology 7587
planning 4176, 6252
safety 4018, 4058, 4061
simulation 5501
standards 3261
**Medicinal plants** 398, 721, 2033
*Acacia* 6838
*Acronychia* 6403
*Adansonia* 7012
*Adhatoda* 2235
*Adina cordifolia* 1528
*Albizia* 2907
*Aloe* 6838
*Alstonia* 5047
*Annona* 2034
Annonaceae 4825
*Azadirachta* 882, 3183, 3735, 5049, 7032, 7599
*Bambusa* 6838
*Bauhinia* 2208, 5043
*Boswellia* 6834
*Bowdichia* 5059
*Brownea* 2208
*Brucea* 7500
*Butea* 7605
*Buxus* 5052
*Caesalpinia* 1327
*Calotropis* 5053
*Canella* 3695
*Capparis* 4333
*Catha* 5634
*Cinchona* 1926
*Cinnamomum* 3691
*Clausena* 2893, 7025
*Combretum* 5042
*Coscinium* 3698
*Coutarea* 3700
*Crataegus* 5048
*Croton* 3699, 5050
*Cudrania* 2894
*Dalbergia* 7029
**Medicinal plants** *cont.*
*Diospyros* 7011
*Drypetes* 7121
*Dysoxylum* 1494
*Erythrina* 317
*Eugenia* 4183
Euphorbiaceae 4825
*Ficus* 6374
*Garcinia* 7840
*Goniothalamus* 7013
*Guaiacum* 6407
*Horsfieldia* 1491
*Ilex* 7839
India 6839
Andhra Pradesh 6842
Bihar 6841
Karnataka 4826
Madhya Pradesh 7604-7605
Japan 7010
*Jatropha* 7841
*Lapparis* 903
*Larrea* 7036
Lauraceae 4825
Leguminosae 4825
*Lophira* 7015
*Melaleuca* 7602
*Mesua* 6838
Mexico 7036
*Micromelum* 7846
*Millingtonia* 7014
*Musanga* 3693
*Myrica* 897-898
Myristicaceae 4825
Myrtaceae 4182
*Nyctanthes* 7023
Papua New Guinea 6840, 6843
Peru 7601
*Phyllanthus* 3692
*Plumbago* 2034
*Plumeria* 7845
*Polyalthia* 2208
*Pongamia* 1532
*Prosopis* 4334
*Prunus* 7010, 7016, 7837
*Quercus* 7866
reviews 1326
*Rhamnus* 4335
*Rhododendron* 1328
Rubiaceae 4825
*Saraca* 2208
*Schaefferia* 7836
*Sesbania* 2189
*Shorea* 2208
*Solanum* 7597
Somalia 6834
Sri Lanka 6403
*Tabernaemontana* 7598
*Tabernanthe* 2035
*Tetrapleura* 2619, 7484
*Trema* 2208
*Virola* 899
*Xylia* 1460
*Zanthoxylum* 7847
*Ziziphus* 896, 901, 905-907, 7017
**Mediterranean Countries**
agroforestry 5390
*Eucalyptus* 3579
rangelands 5390
***Medusagyne*,** taxonomy 7912
***Medusagyne oppositifolia*,** plant morphology 7912
***Megachile*** 3767
***Megacyllene difficilis*** 8055
***Megacyllene robiniae*** 8052
***Megastigmus pictus*** 7266
***Megastigmus spermotrophus*** 2332, 2442, 8084
***Megastigmus suspectus*** 3069
***Melaleuca***
seed collection 6147
seed sources 6147
taxonomy 2269
***Melaleuca alternifolia***
biochemistry 4332
essential oils 4332, 7602
foliage 4332, 7602
medicinal plants 7602
plant composition 7602
terpenoids 4332
***Melaleuca calycina*,** salt tolerance 6930
***Melaleuca cardiophylla*,** salt tolerance 6930
***Melaleuca cymbifolia*,** salt tolerance 6930
***Melaleuca leucadendron***
underplanting 1989
vegetation types 2484
***Melaleuca subtrigona*,** salt tolerance 6930
***Melaleuca thyoides*,** salt tolerance 6930
***Melaleuca uncinata*,** wildlife 5347
***Melampsora*** 7148
***Melampsora allii-populina*** 1645, 2613
***Melampsora betulinum*** 2613
***Melampsora larici-populina*** 1645, 2613, 6517
***Melampsora medusae*** 2396, 8016
***Melampsorella caryophyllacearum*** 1058
***Melanophila acuminata*** 6569, 6581
***Melanorrhoea usitata*,** plant composition 1499
***Melastoma malabathricum***
biomass 5223
plant physiology 5223
plant succession 5223
***Meleagris gallopavo*** 2474, 4524
***Melia azedarach***
bark 336
biochemistry 5793
chemistry 351
epiphytes 4969
foliage 336, 3921, 5793, 7034
fruit 336, 1894
increment 3514
mycoplasmal diseases 1059
Nematoda 3921
nurseries 5343
phenology 6723
plant composition 3921, 7034
roots 351
seed germination 6723
seed treatment 6723
seeds 1894, 3921
senescence 5793
site class assessment 3584
species trials 6713
tissue culture 4729
***Melia toosendan***
bark 336
foliage 336
fruit 336
***Melia volkensii***
seed germination 6724
seed treatment 6724
***Melicytus ramiflorus*,** opossums 5344
***Meliola ailanthii*** 4429
**Meliphagidae** 6437
***Melocanna baccifera***
air layering 5632
layering 5632
***Melochia***
taxonomy 5155
wood anatomy 5155
***Melochia adenodes***
pollen 5155
taxonomy 5155
wood anatomy 5155
***Melochia corymbosa***
pollen 5155
taxonomy 5155
wood anatomy 5155
***Melochia oaxacana***
pollen 5155
taxonomy 5155
wood anatomy 5155
***Meloidogyne*** 1078, 8072
***Meloidogyne arenaria*** 517
***Meloidogyne christiei*** 3133
***Meloidogyne incognita*** 517, 3921
***Meloidogyne javanica*** 517
***Melolontha hippocastani*** 3153, 8057
***Melolontha melolontha*** 4262, 8057
***Memecylon blakeoides***
wood anatomy 309
wood chemistry 309
**Mensuration** 1329, 3527, 4017, 4184, 4646, 4828
***Merrillia*,** chemotaxonomy 2923
***Merrillia caloxylon***
chemotaxonomy 2923
coumarins 2923
roots 2923

***Merulius lacrymans*** (*see Serpula lacrimans*)
***Mesibovia,*** taxonomy 4368
***Mesodiplogaster*** 1075
***Mesophellia labyrinthica*** 5884
***Mesophellia trabalis*** 5884
***Mesopolobus*** 4501
***Mesua ferrea***
flowers 6838
medicinal plants 6838
***Metabolus flavescens*** 7237
**Metal detectors** 4877
***Metarhizium anisopliae*** 3137
***Metasequoia glyptostroboides***
fungal diseases
*Alternaria* 2385
*Pestalotia* 2385
species trials 3337
vegetative propagation 6168
wood chemistry 341
***Metopium toxiferum,*** increment 7621
***Metrosideros,*** palaeoecology 402
***Metrosideros carminea***
juvenility 1253
tissue culture 1253
***Metrosideros excelsa***
juvenility 1253
tissue culture 1253
***Metrosideros polymorpha***
dieback 5111, 7080
foliage 1566
juvenility 1253
plant nutrition 7707
plant physiology 1566
soil chemistry 1566
soil toxicity 1566
tissue culture 1253
***Metrosideros umbellata***
plant succession 2316
vegetation types 2316
***Metrosideros villosa***
juvenility 1253
tissue culture 1253
**Mexico**
*Abies colimensis* 5146
*Abies flinckii* 5146
*Acacia collinsi* 2441
*Acacia farnesiana* 2275
agroforestry 1756, 3203, 5402, 7340
*Arbutus xalapensis* 4456
arid regions 6693
bark beetles 4483
birds 5361
climbers 5205
coastal plant communities 5189
edible species 7588-7589
education 1190
ethnobotany 7589, 7938
farm forestry 7328
flora 4387
forest ecology 1824, 2297, 6442
forest fires 7792
forest inventories 6893
forest management 6695, 7640
forestry 6693
*Gliricidia sepium* 6151
insect pests 4456
land use 6619, 7340
*Larrea tridentata* 7036
*Leucaena diversifolia* 7114
matorral 6619, 7340, 7464
medicinal plants 7036, 7836
*Melochia* 5155
multipurpose trees 6695
natural regeneration 634
palaeoecology 4381
*Parachartergus aztecus* 2441
photosynthesis 2250
*Pinus* 7588
*Pinus cembroides* 4388, 7719
*Pinus discolor* 7719
*Pinus nelsonii* 7938
*Piper aequale* 7670
*Piper auritum* 7670
*Piper hispidum* 7670
plant succession 1012
provenance 6134
*Pseudomyrmex ferrugineus* 2441
*Psychotria* 6453
*Quercus* 7640
*Randia matudae* 6452
**Mexico** *cont.*
*Randia pterocarpa* 6452
remote sensing 5361
research 1190
*Rollinia jimenezii* 6443
*Schaefferia cuneifolia* 7836
seeds 634, 6151
species trials 6134, 7464
synecology 2305, 4387-4388, 5189, 7936-7937
tropical forests 1824, 1883, 2297
vegetation types 634, 1012, 1595, 1883, 2250, 2305, 4387-4388, 5205, 6442, 7936-7937
*Xyleborus affinis* 4483
*Xyleborus volvulus* 4483
***Mezilaurus itauba,*** plant composition 1524
**Mice** 545, 3112, 4271, 7287, 7909, 8108
***Michelia***
fibres 6415
wood chemistry 6415
***Michelia champaca***
forest influences 865
seed germination 5543
seeds 5543
soil chemistry 865
***Michelia chapensis***
distribution 2013
ornamental woody plants 2013
site types 2013
***Microcachrys***
foliage 4367
taxonomy 4367
***Microcerotermes biroi*** 3075
***Microcerotermes distans*** 3062
***Microcerotermes serratus*** 5301
**Microclimate** 234, 2499, 2788, 4898, 4900, 5392, 5700, 5756, 6077, 7779
***Microdesmis afrodecandra,*** taxonomy 1585
***Micromelum minutum***
bark 7846
coumarins 7846
foliage 7846
medicinal plants 7846
***Micropholis guyanensis***
keys 7817
plant morphology 7817
**Microrelief** 2789, 6278
**Microscopy** 311, 1166, 2580
***Microsphaera alphitoides*** 2076
***Microstrobos***
foliage 4367
taxonomy 4367-4368
***Microtermes*** 7186, 8077
***Microtermes mycophagus*** 3074
***Microtus agrestis*** 532, 545, 1694, 2479, 8108
***Microtus arvalis*** 545
***Microtus montebelli*** 7287
***Mikania micrantha*** 4791
**Mildews** 2076, 5900, 7160
***Millettia ferruginea,*** flavonoids 3729
***Millettia stuhlmannii,*** wood anatomy 330
***Millingtonia hortensis***
flavonoids 7014
flowers 7014
foliage 6412
medicinal plants 7014
plant composition 6412
***Mimosa biuncifera***
grazing 8096
rangelands 8096
***Mimosa caesalpiniaefolia***
browse 3486
fertilizers 3486
plant composition 3486
***Mimosa pudica,*** root nodules 2365
***Mimosa scabrella***
agroforestry 2769
artificial regeneration 2769
botany 6987
economics 2769
fuelwood 2616
insect pests, *Spodoptera* 3090
natural regeneration 2769
nitrogen fixing trees 6987
provenance 2616
rotations 2768
silviculture 6987
uses 6987
**Mimosoideae,** root nodules 7127
***Mimusops bagshawei,*** dieback 5105
**Mine spoil**
*Alnus* 553, 1714, 3176
*Betula* 1412
*Caragana* 3176
*Datura* 553
*Elaeagnus* 3176
German Democratic Republic 2643, 6178, 6617
*Liriodendron* 6922
*Myrica* 3176
Philippines 553
*Picea* 1714
*Pinus* 553, 1714, 1945, 6178, 6922
*Populus* 6617
*Psidium* 553
*Robinia* 2643, 3176, 6178, 6922
*Shepherdia* 3176
Sweden 1412
*Tithonia* 553
UK 1714
USA
Alabama 1945
Indiana 3176
Ohio 6922
Tennessee 1112
**Mined land**
*Acacia* 1710, 7317
*Acer* 7319
*Alnus* 553
Australia 1710
*Betula* 797
*Casuarina* 3175
China 797
*Conocarpus* 3175
*Corylus* 797
*Datura* 553
*Eucalyptus* 1710, 7316
*Fraxinus* 797
India, Uttar Pradesh 1712
*Juglans* 2522, 7319
Kenya 3175
*Larix* 797
Nigeria 7316-7317
Philippines 553
*Pinus* 553, 1113, 3955, 5257, 7312, 7319
*Platanus* 7319
*Populus* 7312
*Psidium* 553
*Quercus* 797, 2522, 7319
*Tithonia* 553
UK 3955
*Ulmus* 797
USA
Florida 1011
Indiana 2522
Maryland 7133
New York 5257
Pennsylvania 7312
Virginia 1113, 7319
USSR, Ukrainian SSR 7771
**Minor forest products** 1129, 3476, 3960, 4371, 4815, 5831, 6831, 7600
books 7386
***Minquartia guianensis***
light 2255
natural regeneration 1969
photosynthesis 2255
plant succession 2255
seedlings 2255
**Mist** (*see* Fogs)
**Mistletoes** 469-470, 1060, 1648, 3061, 3887-3888, 4454, 4492, 5253, 5267, 5296-5298, 5670, 6376, 6525-6526, 7174
***Misumena tricuspidata*** 6585
***Mitragyna ciliata***
wood anatomy 309
wood chemistry 309
***Mitragyne parviflora***
light 1387
phenology 1387
**Mixtures**
*Acer pseudoplatanus* 4126
economics 293, 3567, 5693
*Eucalyptus urophylla* 7776
*Fagus sylvatica* 4126
growth 194, 293, 1989, 2041, 2056, 2064, 2692, 3464, 4160-4161,

**Mixtures** *cont.*
growth *cont.*
4199-4200, 4806-4807, 4853, 5194, 5573, 5644, 5650, 6127, 6212, 6277, 6773, 7570-7572, 7622
*Larix leptolepis* 4126
*Leucaena leucocephala* 7776
management 418, 683, 5569, 5615
*Picea abies* 4126
*Pseudotsuga menziesii* 4126
*Quercus robur* 4126
*Robinia pseudoacacia* 4811
silviculture 1989, 2006, 2012, 3465, 4126, 4161-4162, 4320, 4808, 5569-5570, 5581, 5615-5616, 5620-5621, 6000, 6237, 6818, 7574
**MOFL mounder** 3435
**Moisture meters** (*see* Soil water, measurement)
**Mollusca,** books 6657
***Monarthropalpus buxi*** 4498, 5962
**Monkeys** 3934
***Monochamus*** 2836
***Monochamus alternatus*** 511, 2448, 7235, 7277, 8050, 8053
***Monochamus scutellatus*** 7227
***Monochamus sutor*** 4504
***Monodora brevipes***
alkaloids 7856
seeds 7856
terpenoids 7856
***Monotoca glauca,*** fungal diseases, *Chalara* 8006
***Montina confusa*** 3906
**Moose** (*see Alces alces)*
**Mor** (*see* Humus)
***Morchella esculenta*** 7600
***Mordella sydneyana*** 8062
***Morinda tinctoria***
foliage 2260
optical properties 2260
***Moringa,*** agroforestry 3198
***Moringa oleifera***
agroforestry 3210
clones 5859
genetics 5859
Indonesia 3474
multipurpose trees 5859
seeds 5859
shoot cuttings 3474
silviculture 3474
species trials 3210
uses 3474
***Morisonia americana,*** wood anatomy 887
**Morocco**
afforestation 3950
dendrochronology 4576
grazing 1693
*Lymantria dispar* 6552, 7199
*Phoracantha semipunctata* 8051
rangelands 1693
shelterbelts 3950
**Morphology** (*see* Plant morphology)
**Mortality** (*see* Stand characteristics, mortality)
***Mortierella isabellina*** 7169
***Morus***
foliage 6837
insect pests, *Hyphantria* 7253
ploidy 7123
pruning 6837
reclamation 1713
silkworms 5633
variation 7113
***Morus alba***
browse 3160
choice of species 2032, 6716
coppice 5005
fodder 1864
foliage 3160
forest influences 7338
Indonesia 2032
Nepal 1864
plantations 6716
ploidy 7122
shelterbelts 7338
shoot cuttings 4823, 5630
shoots 5005
species trials 3332
***Morus alba*** *cont.*
tissue culture 4824
***Morus australis***
choice of species 2032
Indonesia 2032
ploidy 7122
species trials 3332
***Morus bombycis***
browse 3160
foliage 3160
ploidy 7122
***Morus cathayana***
choice of species 2032
Indonesia 2032
ploidy 7122
species trials 3332
***Morus mongolica,*** ploidy 7122
***Morus multicaulis***
choice of species 2032
Indonesia 2032
ploidy 7122
species trials 3332
***Morus nigra***
choice of species 2032
Indonesia 2032
shoot cuttings 7373
species trials 3332
tissue culture 7373
vegetative propagation 3239
***Morus rubra,*** insect pests, *Prionoxystus* 3902
***Morus shima,*** shoot cuttings 3375
***Morychus aeneus*** 8021
**Mosses** 1419, 2307, 3004, 4002, 7099, 7545, 7952
**Mountain forests** 222, 414-415, 3962, 4049, 4614, 4784, 5383, 5450, 6024, 6295, 7088, 8107
***Mouriri latihila,*** taxonomy 383
***Mouriri longifolia,*** taxonomy 383
***Mouriri osaensis,*** taxonomy 383
***Mouriri papillosa,*** taxonomy 383
***Mouriri retentipetala,*** taxonomy 383
**Mozambique**
*Millettia stuhlmannii* 330
*Podocarpus falcatus* 330
*Pterocarpus antunesii* 330
*Sclerocarya caffra* 330
*Swartzia madagascariensis* 330
***Mucor hiemalis*** 6158, 7143
**Mud flows** 5222
**Mulching** 674, 1259, 1266, 1293, 1741, 2792, 3482, 3677, 3997, 4776, 4786-4787, 5436-5437, 6224, 6615, 7530, 7541, 7549, 7585
**Mull** (*see* Humus)
**Multipurpose trees** 1158, 3209, 3405, 4081, 4620, 4729, 5370
*Acacia* 7464
*Acacia auriculiformis* 7468
*Acacia bussei* 2061
*Acacia cyclops* 1867
*Acacia saligna* 1867
*Acacia seyal* 5002
Africa 1867
*Alnus acuminata* 6872
arid regions 7315
Asia 1741
*Atriplex* 1207
*Azadirachta indica* 3183, 5691
*Bauhinia purpurea* 1322, 5043
*Bauhinia variegata* 5043
Brazil 2691
Burkina Faso 5000
*Butyrospermum paradoxum* 5000
*Caesalpinia decapetala* 1327
*Cajanus cajan* 6626
*Calliandra calothyrsus* 7468
*Casuarina cunninghamiana* 1867
*Casuarina equisetifolia* 1867
*Casuarina glauca* 1867
Central America 699, 7346
Colombia 7132
*Colophospermum mopane* 1314
*Combretum micranthum* 5042
*Cordeauxia edulis* 875, 6262, 6265-6266
*Cornulaca monacantha* 3950
Developing Countries 2597
Egypt 1867
*Erythrina fusca* 2017
**Multipurpose trees** *cont.*
Ethiopia 875
*Eucalyptus camaldulensis* 1867
*Euterpe oleracea* 2691
*Ficus auriculata* 1322
*Ficus cunia* 1322
*Ficus semicordata* 1322
*Gliricidia sepium* 3980
*Grewia oppositifolia* 1322
*Helietta parvifolia* 7464
history 6695
India 6739
*Jatropha curcas* 7838
Kenya 6265
*Leucaena diversifolia* 7468
*Leucaena leucocephala* 4082, 7464, 7468
*Litsea monopetala* 1322
Malawi 7726
Mexico 6695, 7464
*Moringa oleifera* 5859
Nepal 6131, 7106
Pakistan 1823
Palmae 562
*Parkia biglobosa* 5000
periodicals 3248
*Pithecellobium* 7464
*Prosopis* 7464
*Prosopis chilensis* 4707
*Ricinodendron rautanenii* 8164
*Sesbania grandiflora* 7468
Somalia 875, 6265
*Tamarix aphylla* 3950
Tanzania 6742
*Tetrapleura tetraptera* 7484
*Viburnum foetens* 2737
*Woodfordia fruticosa* 4723
Zambia 8164
Zimbabwe 7421
***Murraya,*** chemotaxonomy 2923
***Mus domesticus*** 7909
***Mus musculus*** 5345
***Musanga cecropioides***
bark 3693
medicinal plants 3693
terpenoids 3693
***Mussaenda frondosa***
biomass 5223
plant physiology 5223
plant succession 5223
***Mycelium radicis*** 5269, 7169
***Mycetia sinensis,*** plant morphology 1481
***Mycodiplosis*** 6517
**Mycoplasmal diseases** 1059, 3055, 5290, 5904, 6521, 7167, 8019
books 6661
reviews 3880, 6661
**Mycorrhizas** 7136
*Amanita* 357, 465, 821-822, 1052, 4426, 5867, 7987
anatomy 455, 1047, 3045, 4746, 5038, 5261, 5877, 5884, 7129, 7137, 7140, 7986
biology 3854, 5252, 7129-7130
*Boletinus* 454
*Boletus* 7991
*Cantharellus* 3860
*Castorium* 5884
*Cenococcum* 796, 2380
chemistry 7139
*Complexipes* 796, 5257
conferences 3270
*Cortinarius* 1052
culture techniques 5254, 5867, 7128, 7987
*Descolea* 5879-5880
diseases 457, 480, 3058, 5269, 7171
distribution 7133
ecology 458, 1007, 1049, 1629, 2382, 2826, 4356, 4426, 6508, 7130-7131, 7135, 7171
Endogonaceae 7134
*Entoloma* 1052
fungicides 5269, 5906, 6192
*Fuscoboletinus* 464
*Gigaspora* 2366, 5251, 5875, 7989
*Glomus* 456, 460, 2366, 2368, 2374-2375, 3581, 3852-3853, 5249, 5251, 5872, 5875, 5877, 7986, 7989

**Mycorrhizas** *cont.*
*Hebeloma* 462, 821-822, 1052, 2382, 3854, 5252, 5881, 6192, 7128, 7130, 7138
host specificity 454
*Hydnangium* 455
*Hymenoscyphus* 7986
*Hysterangium* 3041
increment 459, 463, 1050-1052, 2366, 2374, 2383, 3853, 3858, 5227, 5875, 7989, 7991
infection 458, 1045-1046, 1051, 5261, 5872, 5877-5878, 5882, 5906, 6198, 7986
inoculation
*Casuarina* 7992
*Dalea* 5875
Dipterocarpaceae 7992
*Eucalyptus* 5870-5871, 5878, 7992
*Fagus* 457
*Hopea* 7991
*Larix* 4742
*Leucaena* 2366, 3852-3853, 5249
*Picea* 457, 1050, 4742, 5254
*Pinus* 1050, 1951, 3855-3856, 5257-5258, 5906, 6220, 7992
*Pseudotsuga* 1050, 2679, 5259
*Salix* 1628
*Shorea* 7991
*Tsuga* 2380
*Vatica* 7991
*Laccaria* 1044, 1052, 2382, 3045, 3854, 4742-4743, 5258, 5269, 5879-5880, 6192, 7128-7130
*Mesophellia* 5884
methodology 5038, 5868, 5878, 5882, 7139
morphology 1047, 3045, 4746, 5038, 7129, 7131, 7986
*Mycelium* 796
nutrition physiology 454, 456, 459-462, 821-822, 828, 1043-1045, 1047, 1419, 2381, 2383, 2809, 3043, 3853, 3857, 3978, 4745, 5249, 5870-5872, 5879, 5881, 6428, 7137
*Paxillus* 457, 462, 465, 480, 821-822, 1043, 1052, 2374, 3857-3858, 4426, 5254, 7130, 7987
*Phallus* 457
*Phialophora* 5257
physiology 357, 1047, 4426, 5868, 7138, 7501
*Pisolithus* 457, 463, 1048, 1050, 2381, 2383, 2651, 3855-3856, 4356, 5254, 5257, 5261, 5870-5871, 5879-5880, 5906, 6798, 7128, 7137-7139, 7756, 7990
plant water relations 2122, 5880
pollution 846, 3270, 5807, 7756, 7893
reviews 1047, 1625, 7992
*Rhizopogon* 458, 2382, 7135, 7987
*Russula* 457, 7991
*Scleroderma* 457, 5882, 7135, 7991
simulation 461
soil 465, 796, 1046, 1829, 2368, 3041, 3581, 3852, 3854, 5260, 5872, 5880, 6509, 6933
soil treatment 87, 3853, 4745-4746, 6192, 7989-7990
*Suillus* 454, 464-465, 796, 4426, 4742, 5257, 7756, 7987
*Tomentella* 796
*Tricholoma* 465
*Tuber* 1628, 6509, 7135
***Mycosphaerella dearnessii*** 488-489, 1644, 2397, 2676, 3053, 7849
***Mycosphaerella gibsonii*** 466, 3864
***Mycosphaerella pini*** 441, 7162
***Mycosphaerella populorum*** 1620, 3873, 5285
***Myllocerus undecimpustulatus*** 5912
***Myocastor coypus*** 2678
***Myrceugenella apiculata,*** seed production 6435
***Myrialepis,*** plant anatomy 2890
**Myriapoda** 2802, 3600, 6334
***Myrica***
nitrogen fixation 360
root nodules 4427
***Myrica cerifera***
fertilizers 1942
root nodules 1942
symbiosis 1942
***Myrica esculenta***
bark 1559
phenolic compounds 1559
tannins 1559
***Myrica faya***
biological control 127
birds 5354
seed dispersal 5354
***Myrica gale***
root nodules 2371
symbiosis 2371, 2377
tissue culture 646
***Myrica pensylvanica***
lime 3176
mine spoil 3176
***Myrica rubra***
bark 897
medicinal plants 897-898
plant composition 897
***Myriocarpa longipes***
light 2777
seed banks 634
***Myristica mandarahan,*** vegetation types 2483
***Myristica otoba,*** plant composition 1512
**Myristicaceae**
lignans 4825
medicinal plants 4825
***Myrothecium roridum*** 5267
***Myroxylon balsamum***
silvicultural characters 7485
tissue culture 72
**Myrtaceae**
enzymes 4182
medicinal plants 4182
reproductive behaviour 1224
seed germination 1224
seed moisture 1224
seed treatment 1224
***Myrtus communis,*** plant water relations 5726
**Namibia**
browse 1165
elephants 6003
fodder 1165
fuel plantations 6060
social forestry 6060
***Nasalis larvatus*** 3934
***Nasutitermes exitiosus*** 5301
***Nasutitermes novarumhebridarum*** 3075
**National parks**
Brazil 580
Canada, New Brunswick 2318
Canary Islands 1789
Chile 6631
Colombia 3182
Costa Rica 5191
Djibouti 3221
Ecuador 3182
Ethiopia 3221
German Federal Republic 1131, 6630, 7450
India, Madhya Pradesh 8106
Indonesia 406, 2554, 3229, 3663, 7550
Japan 5424
Korea Republic 8172
Netherlands 3231
Poland 7355
Somalia 3221, 7356
Sudan 3221
Thailand 1130
Turkey 1790
UK 4560
USA, Alaska 7439
USSR, Lithuanian SSR 4002
Vietnam 1178
**Natural layering** 1290
bibliographies 6663
**Natural regeneration** (*see also* Natural layering; Seedlings; Suckering)
*Abies alba* 3162, 4199, 7900, 8107
*Abies balsamea* 115, 4770, 5573
*Abies borisii-regis* 114
*Abies concolor* 111
*Abies firma* 1596
*Abies grandis* 3820
*Abies magnifica* 111, 1283, 5203
**Natural regeneration** *cont.*
*Abies mariesii* 415, 2280, 7079
*Abies sachalinensis* 3818
*Abies veitchii* 7079
*Acacia pulchella* 5579
*Acer macrophyllum* 3021
*Acer pseudoplatanus* 3162, 8107
*Acer rubrum* 1010, 7953
*Acer saccharum* 115, 1285, 2789, 4395, 4903, 5213, 5218
advance growth 1283, 1964, 3401, 4903, 5216-5218, 5574, 6807, 7900, 7952
*Amelanchier arborea* 1010
*Aristotelia chilensis* 1289
assessment 112, 168, 672, 1287, 1576, 1968-1969, 1971-1974, 2306, 2667, 3289, 3423, 3816, 4134, 5577, 5751, 7533, 7535-7536, 7947
*Balanites aegyptiaca* 108
*Banksia attenuata* 4135
*Banksia candolleana* 4135
*Banksia hookerana* 4135
*Banksia leptophylla* 4135
*Banksia menziesii* 4135
*Beilschmiedia tawa* 6783
*Belotia campbellii* 634
*Betula* 7535
*Betula alba* 2668-2669, 4147, 4400
*Betula alleghaniensis* 115, 2789
*Betula papyrifera* 1010, 4770, 5573
*Betula pendula* 6209
*Betula pubescens* 2670
*Bombax costatum* 3932
*Brachystegia* 1968
*Bruguiera gymnorrhiza* 112
*Calophyllum kajewskii* 4131
*Campnosperma brevipetiolata* 4131
*Carica papaya* 634
*Castanea dentata* 5164
*Chamaecyparis obtusa* 568, 2666
*Clethra occidentalis* 5161
computer techniques 3289, 5489
conferences 6084
*Cryptomeria japonica* 399, 870, 935
*Dacrycarpus dacrydioides* 6783
*Dacrydium cupressinum* 1970, 6783
damage 168, 3162, 4979, 5574-5575, 6787, 7755
*Daniellia oliveri* 3932
data processing 5489
*Diospyros celebica* 7947
Dipterocarpaceae 1971-1973
*Dipteryx panamensis* 1969
economics 2769, 4769, 6316
*Elaeocarpus dentatus* 6783
*Eucalyptus dives* 5220
*Eucalyptus oreades* 873
*Eucalyptus radiata* 5220
*Eucalyptus urophylla* 3423
*Eusideroxylon zwageri* 3227
*Fagus crenata* 216, 415, 955, 2280
*Fagus grandifolia* 2789, 4395, 4903, 5213, 7953
*Fagus orientalis* 6210
*Fagus sylvatica* 2670, 2692, 3162, 4132, 8107
fires 296, 870, 873, 1968, 2668, 2769, 4135, 4396, 5572, 5579, 6392, 6479, 6981
*Fraxinus americana* 2661, 6779
*Gmelina arborea* 296
*Gonystylus bancanus* 2196
*Halesia carolina* 4395
*Hydrangea hirta* 1601
*Hydrangea macrophylla* 1601
*Hyeronima oblonga* 1969
*Hymenolobium pulcherrimum* 1969
*Ilex crenata* 1601
*Juglans nigra* 6779
*Julbernardia* 1968
*Juniperus osteosperma* 4133
*Kalappia celebica* 7947
*Khaya ivorensis* 296
*Larix decidua* 4161
*Larix gmelinii* 6782
*Larix laricina* 6209
*Lecythis ampla* 1969
*Leucaena leucocephala* 5376
*Libocedrus chilensis* 1289

**Natural regeneration** *cont.*
*Liquidambar styraciflua* 7953
*Liriodendron tulipifera* 6779
logging 112, 115, 671-672, 683, 1010, 1089, 1284-1285, 1287, 1707, 1966, 1970-1973, 3021, 3424, 3532, 3820, 4132, 4147, 4266, 4770, 4867, 5573-5574, 5576, 6779, 6783, 7101, 7533, 7536, 8168
*Magnolia grandiflora* 7953
*Mimosa scabrella* 2769
*Minquartia guianensis* 1969
*Myriocarpa longipes* 634
*Nothofagus cunninghamii* 410
*Nothofagus dombeyi* 1289
*Nothofagus menziesii* 963
*Nothofagus moorei* 410
*Nothofagus solandri* var. *cliffortioides* 6981
*Nyssa sylvatica* 7953
*Oenocarpus mapora* 1967
*Ostrya virginiana* 2661
*Phylica arborea* 7909
*Phyllostachys pubescens* 657
*Picea abies* 783, 3162, 3401, 4199, 5576, 6209, 7667, 8107
*Picea glehnii* 3818
*Picea jezoensis* 7079
*Picea mariana* 1290, 3825, 4770, 5572-5573
*Picea orientalis* 700
*Picea rubens* 1576
*Picea sitchensis* 4403
*Pinus* 1360, 2684
*Pinus albicaulis* 5203
*Pinus banksiana* 5572
*Pinus caribaea* 122, 296
*Pinus contorta* 5203
*Pinus densiflora* 568, 669, 870, 6786
*Pinus jeffreyi* 4133
*Pinus koraiensis* 3424
*Pinus monophylla* 4133
*Pinus monticola* 5203
*Pinus patula* 122
*Pinus ponderosa* 4133
*Pinus resinosa* 1010
*Pinus roxburghii* 3816, 5197
*Pinus strobus* 1010
*Pinus sylvestris* 2667-2669, 2692, 2701, 4780, 6209, 6221, 6316, 7535
*Pinus taeda* 6208, 7953
*Pinus thunbergii* 669, 2665
*Piper auritum* 634
*Piper hispidum* 634
*Pithecellobium pedicellare* 1969
*Populus* 5725
*Populus angustifolia* 4404
*Populus balsamifera* 4770
*Populus grandidentata* 1010, 3532
*Populus tomentosa* 5020
*Populus tremuloides* 671, 1010, 3532, 4770, 4979, 5572-5575
*Prosopis glandulosa* 6785
protection 684, 1974
*Prumnopitys ferruginea* 6783
*Prumnopitys taxifolia* 6783
*Prunus serotina* 1089, 1965, 6779
*Pseudotsuga menziesii* 2478, 3820, 4134, 5817
*Pterocarpus erinaceus* 3932
*Quercus* 672, 1286, 4769, 6779, 7534
*Quercus alba* 7953
*Quercus dealbata* 6784
*Quercus douglasii* 5577
*Quercus griffithii* 6784
*Quercus leucotrichophora* 5197
*Quercus nigra* 7953
*Quercus petraea* 2692
*Quercus robur* 1965, 2669, 7535
*Quercus rubra* 1010, 1285, 1965, 2661, 2669
*Quercus serrata* 870
*Quintinia acutifolia* 1970
*Rhamnus frangula* 2669
*Rhizophora apiculata* 112
*Robinia pseudoacacia* 5751
*Rubus palmatus* 1601
*Salix* 5725
*Salix aurita* 2670
*Salix caprea* 2670

**Natural regeneration** *cont.*
sampling 2692
seedbeds 5161, 5217, 5572, 5817
*Sequoia sempervirens* 3820
*Shorea* 1971-1972
*Shorea robusta* 2301
simulation 955
site factors 399, 672, 783, 955, 963, 1290, 1966, 2301, 2666, 2780, 2789, 4133, 4404, 4770, 4902-4903, 5197, 5216-5217, 5577, 5725, 5835, 6210, 6784-6785
site preparation 683, 2684, 2701, 4780, 6209, 6221
*Solanum diphyllum* 634
*Sorbus aucuparia* 4400
stand characteristics 963, 1284-1285, 1596, 1969, 1971-1973, 2295-2296, 2669, 2692, 4395, 4400, 4403, 5216, 5573, 6209, 6783, 6786, 7079
*Terminalia ivorensis* 296
theory 1969
thinning 672, 1283, 2666, 4134, 6782, 7533
*Thujopsis dolabrata* 935
*Tilia americana* 2661
*Trema micrantha* 634
*Triplochiton scleroxylon* 296
*Tsuga* 3820
*Tsuga canadensis* 4395, 5218
*Tsuga diversifolia* 7079
*Tsuga mertensiana* 5203
*Tsuga sieboldii* 1596
*Ulmus* 670
vegetative propagation 1010, 1601, 1967, 3820, 4396, 5020, 5575, 5751, 6988, 7101
*Weinmannia racemosa* 963, 1970
wildlife 1089, 1289, 2292, 2478, 3162, 3422, 6787, 7909, 8107
*Xylocarpus granatum* 112
**Naturalization** (*see* Acclimatization)
**Nature conservation** 4557
(*see also* National parks; Wilderness; Wildlife, conservation)
Australia 2299-2300, 2480-2481, 2551-2552, 3223-3226
Azores 558
Bolivia 6063
books 1809, 6659, 7387
Brazil 3230, 5388, 5465, 7924, 7941
Burkina Faso 3551
China, Yunnan 3824
conferences 5470, 6080
Costa Rica 6063
Czechoslovakia 1000, 5845
Developing Countries 6063
Djibouti 3221
Ecuador 6632
Ethiopia 3221
Europe 1061, 1788
Finland 6080
German Democratic Republic 6467, 7176
German Federal Republic 564, 3228, 5686, 7428, 7445, 7450, 8171
history 1809, 4662
India 591, 1787, 5350
Andhra Pradesh 5188
Arunachal Pradesh 5001
Karnataka 2289
Kerala 5150
West Bengal 5422
Indonesia 406, 1598, 2304, 2483-2484, 2555, 3227
Italy 5348
Jamaica 1827
Japan 4000-4001, 5424
methodology 8171
Netherlands 3231
Peru 6487
Philippines 3938
Poland 7355, 8169
research 7450
Sahel 104
Singapore 5777
Somalia 2553, 3220-3222, 7356, 7438
South Africa 7794
Sri Lanka 4611
Sudan 3221
Sweden 4556
Switzerland 997, 4003
Tanzania 565
theory 4558-4559
Tropics 30, 6063-6064, 8168
UK 1128, 1135, 1786, 4224, 7354, 8170
USA 4523, 4558-4559, 5470
Arizona 4662
Hawaii 6659
Idaho 1809
Oregon 1809
Washington 1809
USSR, RSFSR 3233
***Naucleopsis glabra,*** evapotranspiration 6934
**Nauru**
agroforestry 3991
deforestation 3991
**Naval stores** (*see* Resins)
***Nectandra amazonum***
lignans 3732
wood anatomy 996
***Nectandra glabrescens,*** lignans 3732
***Nectandra mollis***
flowers 3763
reproductive behaviour 3763
**Nectar** 3492, 3679, 7910
***Nectria coccinea*** 5920
***Nectria galligena*** 5920
***Nectria radicicola*** 1631, 5266, 6512
**Needles** (*see* Foliage)
**Nematoda**
animals 1075, 5967, 6586, 7232
books 6657, 6661
control 1078, 1158, 3921, 8073
economics 8073
reviews 6661
soil 2446, 4933
woody plants 511, 515-517, 1077-1079, 1104, 1677, 2447-2449, 3133-3134, 3406, 3921, 4504, 5327, 6577, 6657, 6661, 8071-8073
***Nematus desantisi*** 1675
***Nemopanthus mucronata***
flowering 7803
fruiting 7803
***Nemopanthus mucronatus,*** fungal diseases, *Ceratocystis* 1641
***Nemoraea pellucida*** 5315
***Nemoria arizonaria*** 6547
***Nemosema elongatum*** 8048
***Neoaplectana bibionis*** 4508
***Neoaplectana carpocapsae*** 5967
***Neoaplectana feltiae*** 4508
***Neocalamites***
palaeobotany 968
palaeoecology 968
***Neochamaelea pulverulenta,*** wood anatomy 5030
***Neodiprion autumnalis*** 6572
***Neodiprion lecontei*** 1680
***Neodiprion pinetum*** 3127
***Neodiprion sertifer*** 1680, 3140, 3143, 3923, 6585, 7242, 7255
***Neodistemon indicum,*** synecology 1598
***Neofabricia mjoebergii,*** taxonomy 4365
***Neofabricia myrtifolia,*** taxonomy 4365
***Neofabricia sericisepala,*** taxonomy 4365
***Neoguillauminia cleopatra,*** plant morphology 7829
***Neohouzeaua dullooa***
foliage 3671
phenology 3671
***Neolitsea,*** taxonomy 3772
***Neolitsea dealbata,*** essential oils 5083
***Neomicrocalamus microphylla*** (*see Racemobambos microphylla*)
***Neomicrocalamus prainii*** (*see Racemobambos prainii*)
**Nepal**
*Acacia auriculiformis* 2042
afforestation 1863, 1865, 1976
agroforestry 1735, 2053, 4020, 4057, 4550, 6051, 6131
*Alnus nepalensis* 50, 510
Aphyllophorales 5891
bamboos 500, 2030, 2873
books 573, 4584-4585, 5450
browse 4020
*Cassia siamea* 2042

**Nepal** *cont.*
choice of species 1863, 1865-1866, 5535, 5814
climate 2873
coppice 6131
credit 33
*Dalbergia sissoo* 2042
decay fungi 5891
deforestation 3185, 4051, 5450, 6025
degraded forests 5676
dieback 5814
directories 3307
*Eucalyptus camaldulensis* 2042
extension 1818, 4667
fodder 707, 1322, 4020, 5630-5631, 6131
forest fires 298, 1735
forest management 1818, 2527, 4051, 5676
forest policy 4051, 6025
forestry 573, 607, 611, 1818, 2548, 4584
forestry development 33, 121, 4585
fuel plantations 33, 51, 121
fuelwood 3185
fungal diseases 466
history 2548
*Hoplocerambyx* 510
insect pests 466
international cooperation 4585
land use 554, 2527
legislation 1818, 6025, 7446
maps 554
mountain forests 5450
multipurpose trees 1322, 5630, 6131, 7106
nurseries 95, 1267, 1959
*Pareuplexia* 500
*Paulownia kawakamii* 5535
*Paulownia tomentosa* 5535
*Pinus patula* 181, 2053
plantations 121
planting stock 95, 120, 1267
*Populus* 1862
provenance 50, 611, 5536
*Prunus cerasoides* 120
reclamation 5676
research 607, 611, 4055-4057
*Rhododendron* 322
scrub 5676
seed dispersal 5823
silviculture 611
social forestry 1818, 2548, 4585, 5676, 6025
species trials 51, 611, 1864, 1866, 1877, 5535-5536
tissue culture 5553
training 1818
tree breeding 1606, 7106
*Trewia nudiflora* 5823
vegetation types 554
vegetative propagation 5630
volume tables 2042
weight tables 2042
***Nephelium,*** fruit 6269
***Nerium oleander***
foliage 2183, 3694, 5045
forest fires 2183
genetics 910
photosynthesis 910
plant water relations 5726
terpenoids 3694, 5045
***Nesokia indica*** 5343
***Nesolynx*** 3906
***Nestegis,*** palaeoecology 402
**Netherlands**
*Abies* 4689
air pollution 2155, 3629
*Betula* 7535
*Betula alba* 2693
*Betula pendula* 408, 835
*Betula pubescens* 408
*Blastestheia* 5939
*Crataegus monogyna* 408
*Cydia* 5939
*Cydia pactolana* 5939
dunes 408
economics 2693, 2775, 3567, 4563
education 31
*Epinotia tedella* 5939
*Erannis defoliaria* 4514

**Netherlands** *cont.*
exotics 2614
*Fagus sylvatica* 2693, 4688
forest fires 3231
forest management 6478
forest ownership 4654
forest policy 2594
forest recreation 231
forestry development 31-32
hedgerow trees 4563
history 4654-4655
intensive silviculture 2594
international cooperation 31-32
landscape 4563
*Melampsora larici-populina* 6517
national parks 3231
nature conservation 3231
*Operophtera brumata* 4514
palaeoecology 4383
*Picea* 4689
*Pinus sylvestris* 2667, 2693, 7535
plant succession 6478
*Populus* 2594, 2617, 7563-7565
*Populus canescens* 2617
*Populus* 'Robusta' 2617
private forestry 2775, 4243, 4890
provenance 4688
*Prunus* 6381
*Quercus petraea* 3470, 3844
*Quercus robur* 835, 2693, 3231, 3470, 3683, 3844, 7535
reclamation 4689
regeneration surveys 2667
research 32, 605
sandy soils 4689
silvicultural systems 2693
site preparation 2701
species trials 2614, 2617, 4689
subsidies 2594
tanstuffs 4655
thinning 140
Tortricidae 5939
*Tortrix viridana* 4514
*Ulmus* 1034
vegetation types 4382
water pollution 2161
wind damage 4689
*Yponomeuta evonymellus* 8035
**Netherlands Antilles**
elfin woodlands 3014
rain forests 3014
thicket 3014
vegetation 5165
**New Caledonia**
*Arillastrum gummiferum* 7829
*Bureavella wakere* 7829
*Neoguillauminia cleopatra* 7829
*Symplocos* 3780
**New Zealand**
*Acacia* 58
*Acacia melanoxylon* 1821, 4690
*Agathis* (Araucariaceae) 402
*Agathis australis* 572
agroforestry 5464, 5484-5486, 5521-5522, 5596-5598, 6012, 6036-6047, 7135, 8155-8156
*Albizia* 58
*Alnus* 6802
*Armillaria* 7151
*Armillaria limonea* 7150
*Armillaria novae-zelandiae* 7150
*Ascarina* 402
*Avicennia* 403
*Avicennia marina* 5778
bacterial diseases 3878
*Beilschmiedia tawa* 6783
biological control 6656
birds 7290
*Camellia japonica* 4252
*Chamaecyparis obtusa* 6069
choice of species 58, 5521-5522, 7443
clear felling 7304
coppice 1199
*Cupressocyparis leylandii* 6714
*Cupressus macrocarpa* 4252
*Cyclaneusma minus* 5286
*Dacrycarpus dacrydioides* 6783
*Dacrydium* 402
*Dacrydium cupressinum* 402, 1970, 6783
data processing 4637, 6851

**New Zealand** *cont.*
deer 6036-6039
dendrochronology 572
dendroclimatology 572
*Desfontainia spinosa* 4252
direct sowing 7538
economics 3569
*Elaeocarpus dentatus* 6783
erosion control 7309
*Eucalyptus* 1820, 1822
*Eucalyptus regnans* 5522
farm forestry 6037
ferns 5596
fertilizers 803, 1940
forest fires 6981
forest influences 7305
forest inventories 212
forest management 3290, 3544, 4637
forest policy 7443
forest resources 4017
fuel plantations 1199
grasses 5598
growth models 4637
herbicides 6802
honeydew 6537
hydrology 7301
*Juglans nigra* 1821, 5521
*Junghuhnia vincta* 1636
*Juniperus chinensis* 4252
land classification 7309
landscape 3290
landslides 7309
*Larix decidua* 3452
*Libocedrus* 402
mangroves 5778
*Metrosideros* 402
mistletoes 7174
mycorrhizas 7135
natural regeneration 963, 1970, 3422
*Nestegis* 402
*Nothofagus* 323, 402, 6466
*Nothofagus fusca* 2993, 6863
*Nothofagus menziesii* 402, 3472
*Nothofagus solandri* 2993, 4712
*Nothofagus solandri* var. *cliffortioides* 2993
*Nothofagus truncata* 2993, 6863
nurseries 4762, 6068, 6766
nutrient deficiencies 4945, 6945
*Odocoileus virginianus* 3422, 5364
ornamental woody plants 4252, 6068-6069
palaeoecology 402-403, 429, 2992-2993, 2997
*Phyllocladus* 402
*Pinus contorta* 3452
*Pinus nigra* 3452
*Pinus radiata* 1636, 1940, 4017, 4407, 6341, 6815, 6851
plant succession 429, 2316, 7920
planting stock 4762
*Platypus apicalis* 2389
*Platypus gracilis* 2389
*Podocarpus spicatus* 402
*Podocarpus totara* 4809
poisoning of animal pests 5364
pollen 402-403, 2992
*Populus* 3878
*Populus* 'PMC 471' 6803
*Populus* 'Tasman' 6803
*Prumnopitys ferruginea* 6783
*Prumnopitys taxifolia* 6783
*Quintinia acutifolia* 1970
*Robinia pseudoacacia* 6227
*Salix* 3878
*Salix alba* × *S. matsudana* 6803
*Salix matsudana* 1636
*Salix purpurea* 6803
seeds 376
*Seiridium cardinale* 5278
*Seiridium unicorne* 5278
selective felling 6783
shelterbelts 2496, 6012-6015, 6041
silviculture 1821
soil chemistry 803, 4920, 5706
soil stabilization 7309
species trials 3281
*Sporothrix* 2389
streams 7304-7305
synecology 963, 4386, 7920
tree breeding 1821, 3834, 4407

**New Zealand** *cont.*
*Trichosurus vulpecula* 5344
*Ulex europaeus* 5597
*Ultracoelostoma assimile* 2715, 6537
valuation 3569
vegetation 2992-2993
vegetation types 2316, 5840
volume determination 6851
weed control 3452, 6803
*Weinmannia racemosa* 1970
wind damage 6320
woody weeds 3452
*Xylocopa sonorina* 3128
yield forecasting 6815
*Yucca filamentosa* 4252
***Newtonia buchananii***, dieback 5105
**Nicaragua**
agroforestry 3951
*Azadirachta indica* 3701
choice of species 2611
*Eucalyptus deglupta* 2611
Passalidae 1665
**Niger**
*Acacia albida* 6385
*Azadirachta indica* 3701
vegetation types 5180
**Nigeria**
*Acacia albida* 7317
*Acacia nilotica* 2857
afforestation 4891
agroforestry 1187, 1773-1776, 2536, 3193-3194, 3201, 3204, 3482, 4551, 4553, 5409, 6625
*Anaphe venata* 6549
*Anonidium mannii* 2734
aquaculture 546
*Azadirachta indica* 2857
browse 531
browsing damage 3932
*Cassia siamea* 6352
choice of species 1823
deforestation 3325
edible species 159
*Eucalyptus camaldulensis* 7316
farm forestry 7325
forest fires 296
forest influences 2172, 2791
forest management 3543
forest recreation 4561
forestry development 4660
fuelwood 3325
*Gliricidia sepium* 3204, 6352
*Gossweilerodendron balsamiferum* 2734
*Guarea cedrata* 189
*Hylodendron gabunense* 2734
*Leucaena leucocephala* 3204
mangroves 546
mined land 7316-7317
natural regeneration 3932
*Pinus caribaea* 697, 791
*Pinus oocarpa* 697
provenance 6135
rain forests 2734
rangelands 531
reclamation 7316-7317
savannas 4553
soil chemistry 2791
soil fertility 791
soil types 1773-1776, 3193-3194, 6135
soil water 1773, 2791
stand characteristics 2718
*Strombosia pustulata* 2734
sustainable land use 3543
synecology 2718
*Tectona grandis* 7460
*Tetrapleura tetraptera* 7484
*Triplochiton scleroxylon* 184
vegetation types 546
wildlife 4561
***Nisitrus vittatus*** 3062
***Nitraria tangutorum***, plant water relations 5723
**Nitrogen fixation** 5227, 7733
*Acacia* 7988
*Allocasuarina* 1941
*Alnus* 277, 360, 449-450, 453, 2126-2127, 2129, 2375, 3859, 6944, 7888, 7985
*Avicennia* 2367
**Nitrogen fixation** *cont.*
*Casuarina* 360, 451, 1941, 2372, 3044, 3328
conferences 7405
*Cycas* 5874
*Dalbergia* 5250
*Erythrina* 1420
*Fagus* 4279
*Gymnostoma* 5255
*Leucaena* 1743, 5250, 5866, 5869
methodology 2126
*Myrica* 360
*Picea* 4279
*Prosopis* 7734
*Prunus* 4279
*Quercus* 4279
reviews 4941
*Shepherdia* 5255
simulation 360
*Tilia* 4279
**Nitrogen fixing trees** 4081, 7132
*Acacia* 2776, 5769-5770, 5873, 6985
*Albizia* 3464, 5873, 6277
*Alnus* 1714, 3176, 5019
*Amorpha* 5873
*Calliandra* 5772
*Caragana* 3176
*Chamaecytisus* 6984
*Dalbergia* 5873
*Elaeagnus* 3176
*Gliricidia* 5004
*Mimosa* 6987
*Myrica* 3176, 5354
*Prosopis* 6986
reviews 4941, 7331
*Robinia* 3176, 5003, 5873
*Samanea* 5771, 5873
*Shepherdia* 3176
*Sophora* 5873
*Wisteria* 5873
**Niue**, agroforestry 5475
**Noctuidae** 500
**Noise** 1196, 6879
**Nomenclature** 949, 1147, 2973, 2982, 4370, 5439
***Nomia*** 3767
**North America**
air pollution 3631
carbon dioxide enrichment 7673
climate 7673
*Conophthorus* 8
dieback 3611
Diptera 7
*Ephedra* 2885
*Eucosma sonomana* 2424
*Fagus* 3001
forest fires 5463
forest management 5462
forest policy 6102
forestry 3253
*Heterobasidion annosum* 3868
*Larix laricina* 3832
*Orgyia pseudotsugata* 4472
ornamental woody plants 2560
palaeoecology 970, 2996-2997, 3001-3002, 4380
*Pinus contorta* 2424
*Pinus ponderosa* 2424
plant water relations 4940
secondary forests 5462
*Ursus arctos* 578
vegetation types 2996
wood anatomy 2881
**Norway**
air pollution 6359
*Alnus crispa* 3335
*Alnus rubra* 3335
*Alnus sinuata* 3335
*Bursaphelenchus* 4504
dieback 6359
fodder 1139
international cooperation 1841
*Ips typographus* 7223
*Juniperus communis* 7084
landscape 1139
nurseries 476
*Picea abies* 1342, 7223
*Pinus sylvestris* 1215, 4504
pollarding 1139
provenance 1215, 1230, 2578, 3335
*Pseudotsuga menziesii* 2578
**Norway** *cont.*
shelterbelts 3335
species trials 3335
*Thanasimus formicarius* 8064
*Trypodendron lineatum* 8064
vegetation types 7084
***Nosema*** 7260
***Nosema fumiferanae*** 6560
***Nothofagoxylon menendezii***, wood anatomy 7002
***Nothofagoxylon scalariforme***, wood anatomy 7002
***Nothofagus***
distribution 6466
honeydew 2715
palaeoecology 402, 2992
pollen 2992
stand characteristics 6474
***Nothofagus alessandri***
seed germination 6157
seed treatment 6157
***Nothofagus alpina***
seed germination 6157
seed treatment 6157
***Nothofagus antarctica***
habit 6382
synecology 2088, 7934
vegetation types 7934
***Nothofagus betuloides***
carbohydrates 2786
frost resistance 2786
hybrids 6507
***Nothofagus betuloides* × *N. dombeyi***, distribution 6507
***Nothofagus carrii***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus crenata***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus cunninghamii***
distribution 5802, 6908
frost resistance 4906, 6908
fungal diseases, *Chalara* 8006
natural regeneration 410
photosynthesis 5802, 6908
vegetation types 410
***Nothofagus dombeyi***
carbohydrates 2786
chemistry 1391
deer 1289
frost resistance 1391-1392, 2786
hybrids 6507
natural regeneration 1289
plant physiology 1392
seed germination 6157
seed treatment 6157
vegetation types 6631, 7933
***Nothofagus dombeyi* × *N. nitida***, distribution 6507
***Nothofagus fusca***
honeydew 6537
increment 6863
insect pests, *Ultracoelostoma* 6537
palaeoecology 2993
wood anatomy 323
***Nothofagus glauca***, fungal diseases, *Chalara* 8006
***Nothofagus grandis***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus gunnii***
distribution 5802, 6908
frost resistance 6908
fungal diseases, *Chalara* 8006
photosynthesis 5802, 6908
***Nothofagus leoni***, fungal diseases, *Chalara* 8006
***Nothofagus menziesii***
birds 7290
distribution 6466
natural regeneration 963
New Zealand 3472
palaeoecology 402
plant succession 2316
vegetation types 2316
wood anatomy 323

***Nothofagus moorei***
distribution 5802
frost resistance 4906
natural regeneration 410
photosynthesis 5802
vegetation types 410
***Nothofagus nitida***
carbohydrates 2786
frost resistance 2786
hybrids 6507
***Nothofagus obliqua***
fungal diseases, *Chalara* 8006
seed germination 6157
seed production 6435
seed treatment 6157
***Nothofagus perryi***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus procera***
fungal diseases, *Chalara* 8006
vegetation types 7933
***Nothofagus pseudoresinosa***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus pullei***
distribution 5802
frost resistance 4906
photosynthesis 5802
***Nothofagus pumilio***
seed germination 6157
seed treatment 6157
synecology 2088
vegetation types 6631
***Nothofagus solandri***
honeydew 6537
insect pests, *Ultracoelostoma* 6537
palaeoecology 2993
seed production 4712
vegetation types 5840
wood anatomy 323
***Nothofagus solandri* var. *cliffortioides***
artificial regeneration 6981
direct sowing 6981
forest fires 6981
natural regeneration 6981
palaeoecology 2993
plant succession 2316
synecology 4386
vegetation types 2316
wood anatomy 323
***Nothofagus truncata***
increment 6863
palaeoecology 2993
wood anatomy 323
***Notobuxus***
foliage 7915
taxonomy 7915
**Nuclear fall-out** (*see* Radionuclides, fallout)
**Nurse trees** 1718, 3473, 4783, 4807, 6799
**Nurseries** (*see also* Planting stock; Vegetative propagation)
*Abies* 1953, 2021, 2654, 4119, 4162
*Acacia* 5532, 5912
*Acer* 2561, 3241, 6898
*Aesculus* 2644
*Albizia* 5912
*Alnus* 449
*Antiaris* 4065
*Berberis* 1273
*Betula* 7369
books 6653
Brazil 3408
*Buddleja* 4704
*Calamus* 2026
Canada 1274, 2647, 4610, 6188
British Columbia 3406, 3409
Ontario 4763
Caribbean 5562
*Carpinus* 3403
*Carya* 2420
*Castanospermum* 4065
*Casuarina* 2653, 6195
*Cedrela* 7525
*Chamaecyparis* 1273, 6773
computer techniques 4041, 4120, 6101, 6686
conditioning 94, 2021, 6766, 6768
conferences 14, 3274, 4610, 5468, 6084
**Nurseries** *cont.*
conifers 6253, 8027
containers 1959, 3409, 3884, 4756, 7367
*Calamus* 2025
*Casuarina* 6195
*Cornus* 3237
*Eucalyptus* 659, 1267, 4124, 4755
*Forsythia* 3237
*Fraxinus* 4111
*Larix* 6200
*Picea* 3417, 4113, 6193
*Pinus* 101, 1955-1956, 1961, 2651, 3407, 3416, 4113
*Populus* 5305
*Pseudotsuga* 6513
*Quercus* 4111
*Cordia* 1265
*Cornus* 7369
Costa Rica 3274
*Dalbergia* 1267, 5343
diseases 3058, 3406, 3409, 3884
*Abies* 2654, 4431, 7996
*Acacia* 2404, 7995
*Acer* 2400
*Ailanthus* 4429
*Albizia* 3862-3863
*Alnus* 5901
*Azadirachta* 5283
*Bombax* 5267
*Casuarina* 5263
*Cedrus* 8000
Coniferae 476, 3883
*Cupressus* 471
*Fagus* 6512
*Fokienia* 471
*Juniperus* 471
*Larix* 4431, 7171
*Libocedrus* 4431, 7996
*Picea* 2387, 3881, 4431, 4763, 6771
*Pinus* 473, 493, 1647, 2384, 2405, 3047, 3864, 4431, 5292, 6523, 7147, 7169, 7996, 7998
*Populus* 1645, 3886
*Pseudotsuga* 472, 1053, 2654, 3404, 3881, 3885, 4431, 6513, 7996, 7998
*Quercus* 6512
*Robinia* 5907
*Thuja* 3881
*Tsuga* 3881, 4431
*Dracontomelon* 4065
economics 1271, 3240-3241, 6897-6899
*Embothrium* 7476
equipment 4622
*Eucalyptus* 152, 659, 1949, 2653, 4124, 4810
*Euonymus* 2561
*Fagus* 4121-4122
fertilizers 4125, 6101, 6177
*Acacia* 5564, 6775
*Acer* 3411
*Bauhinia* 1957
*Calamus* 2027
*Casuarina* 87
*Picea* 94, 3390, 4944, 6191, 6194, 6202, 6774
*Pinus* 94, 101, 651, 1951, 1955, 1961, 2651, 4123, 5559-5560, 5566, 5732, 6191, 6194, 6202, 6766, 6769
*Populus* 4747
*Pseudotsuga* 94, 3404
*Quercus* 656, 3411
German Democratic Republic 1194, 1276, 6177, 6253-6255
German Federal Republic 4760
*Gevuina* 7476
growing media 2138, 2648
*Abies* 93
*Acacia* 1268, 5564, 6767, 7528
*Calamus* 7529
*Casuarina* 1268, 2653
*Chamaecyparis* 6197
*Cornus* 3237
*Cunninghamia* 6197
*Eucalyptus* 662, 2653, 4755, 6767, 7527
*Forsythia* 3237
*Leucaena* 3414
*Paulownia* 5535
**Nurseries** *cont.*
growing media *cont.*
*Picea* 93, 4115, 5558
*Pinus* 93, 1955-1956, 1961, 4115, 6197, 6767
*Pseudotsuga* 93
*Quercus* 656
*Samanea* 3414
*Taiwania* 6197
*Tsuga* 93
growth regulators 1272, 1954, 1958, 2659
*Gyrocarpus* 4065
hydroponics 3411, 4094
India
Himachal Pradesh 5378
Uttar Pradesh 5378
inventories 2652, 4041, 4118, 4120, 4622
irrigation 1265, 3241, 3416, 4123, 4755, 4761, 6200, 7369
Japan 5557
*Juniperus* 3240-3241
*Larix* 581, 4122, 6192, 6200
*Laurelia* 7475
*Libocedrus* 1275
lifting 658, 1980, 2658-2660, 4123, 4762, 5566, 5582, 6218, 6253
*Liquidambar* 4067
*Liriodendron* 6199
*Lomatia* 7476
machinery 2014, 2700, 7585
*Malus* 3241
*Mangifera* 5343
mechanization 6253-6255, 6261, 6686
*Melia* 5343
methodology 2649, 6770
mycorrhizas 1049-1051, 1625, 1951, 2387, 2651, 3058, 3855-3856, 4356, 6192, 6198, 6202, 7991
Nepal 95
New Zealand 4762, 6068, 6766
Oceania 2653
ornamental woody plants 6068
Pakistan 3405
*Paulownia* 1950, 5535
pests 1077, 1655, 1960, 2420, 3406, 3409, 5300, 5305-5306, 5343, 5912, 5968, 6201, 6586, 7237, 8027, 8030
*Phyllostachys* 657
*Picea* 203, 1051, 1266, 1276, 1480, 1947-1948, 4122, 4757, 4763, 4944, 6191, 6193-6194, 6196, 6202, 6771-6772
*Pinus* 660, 1194, 1266, 1480, 1947, 1953, 1955-1956, 1961, 1980, 2649, 2651, 2654, 2656-2660, 3407, 3412-3413, 3416, 3432, 4112, 4114, 4116, 4122-4123, 4251, 4356, 4762, 5306, 5559, 5566, 6191, 6194, 6198, 6201-6202, 6766, 6773, 7525-7526
*Pittosporum* 1219
planning 103, 203, 2652
*Populus* 97, 1273, 1312, 4753, 4761, 5300, 5549
protection 1272, 4119, 6261, 7274
*Prunus* 120, 2561, 4094
*Pseudotsuga* 472, 1053, 1953, 2654, 3854, 3885, 4122, 6218, 6513
*Pterocarpus* 4065
*Punica* 1265
*Quercus* 644, 2561, 4117, 4122, 5561, 6199
research 1959
root pruning 94, 1947, 4111, 6194
shading 98, 4119, 4251, 4755, 7526
simulation 3240-3241
soil 660, 1194, 1266, 1953, 2387, 2446, 2647, 2654, 3404, 3854, 4116, 4123, 4125, 5564, 5566, 6177, 6190, 6202, 6769, 6771, 7585
Somalia 2550
*Sonneratia* 5563
South America 5562
sowing 1908, 1948, 1956, 2014, 2654, 2656, 2700, 3407, 3432, 4119, 4124, 5561, 5563, 6195, 7475-7476, 7585

**Nurseries** *cont.*
spacing 2026, 4112, 4162, 4753, 6199, 7526
Sweden 4756
*Taxus* 3241, 6899
*Tectona* 5343
*Tilia* 7369
transplanting 644, 1947, 2657, 4117, 4121, 4762, 6193, 6196, 6254-6255, 6768
UK 2655
USA 1271, 5468, 6770
Ohio 6897-6899
Oregon 4431
Washington 4431
*Viburnum* 2561, 3241
weed control 14, 686, 1273, 2655, 3403, 3412, 4122, 5557, 6188, 6776, 7525
wind protection 1274
work study 6707
wrenching 94, 6194, 6766
*Ziziphus* 1265
**Nutrient cycles** (*see* Cycling)
**Nutrient deficiencies** 263, 1661
boron 924, 2794, 4949, 5814, 6347-6348
calcium 266, 830, 3611, 3710, 4353, 4965, 5116, 6175, 6186, 6345
iron 4950, 6344
magnesium 266, 830, 2834, 3609, 3611, 3710, 3759, 4353, 4965, 5106-5108, 5116, 6175, 6345, 7891-7892
manganese 1113, 5732-5734, 7727
minor elements 924, 2136
nitrogen 266, 830, 3204, 3401, 3710, 4965
phosphorus 266, 830, 2643, 3759, 5098, 6345, 7694
potassium 266, 830, 2643, 3611, 3759, 4965, 5098, 5116, 5737, 6345
reviews 6348
statistical methods 4945
sulfur 266, 830
zinc 4944, 4965, 6346, 6945
**Nutrition** (*see* Plant nutrition)
**Nuts** 3346, 4178
***Nyctanthes arbor-tristis***
glycosides 7023
medicinal plants 7023
***Nyctophilus geoffroyi*** 6595
**Nymphalidae** 3890
***Nypa fruticans***
artificial regeneration 2306
natural regeneration 2306
synecology 3807
***Nyssa aquatica***
fruit 4343
plant composition 909
seed dispersal 5129
***Nyssa brandoniana***
fruit 4343
palaeobotany 4343
***Nyssa fissilis***
fruit 4343
palaeobotany 4343
***Nyssa lescurii***
fruit 4343
palaeobotany 4343
***Nyssa sylvatica***
fruit 4343
mortality 7953
natural regeneration 7953
plant succession 7953
stand characteristics 7098
synecology 7098
volume tables 728
weight tables 728
***Nyssa sylvatica* var. *biflora***
fruit 4343
plant composition 909
**Oceania**
agroforestry 5398
*Casuarina equisetifolia* 2653
*Eucalyptus saligna* 2653
nurseries 2653
watersheds 4604
***Ochroma grandifolia***, wood chemistry 4341
***Ochroma lagopus*** (*see Ochroma pyramidale*)
***Ochroma pyramidale***
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
wood anatomy 333
***Ochropleura fennica*** 3904
***Ocotea***
keys 7817
plant morphology 7817
wood anatomy 996
***Ocotea aciphylla***, wood chemistry 1519
***Ocotea albescens***, taxonomy 937
***Ocotea bullata***
electrical phenomena in trees 5794
increment 5794
***Ocotea caesia***, alkaloids 7871
***Ocotea costulatum***, lignans 2925
***Ocotea cymbarum***, terpenoids 2936
***Ocotea duplocolorata***, taxonomy 937
***Ocotea flavantha***, taxonomy 384
***Ocotea liesneri***, taxonomy 384
***Ocotea megacarpa***, taxonomy 384
***Ocotea porosa***, wood chemistry 1503
***Ocotea rubra***
dendrochronology 7633
growth rings 7633
increment 7633
***Ocotea veraguensis***
fruit 1548
plant composition 1548
***Octodon bridgesi*** 7291
***Odocoileus hemionus*** 694, 1086, 3448, 4526, 4662, 5363
***Odocoileus virginianus*** 1085, 1089, 2471, 2876, 3422, 3448, 5364, 6001, 6787
***Odontotermes*** 7186, 8077
***Odontotermes feae*** 5916
***Odontotermes fontanellus*** 7185
***Odontotermes obesus*** 3074
***Oenocarpus***, reviews 1453
***Oenocarpus mapora***, natural regeneration 1967
***Oglasa separata*** 5310
**Old and fossil wood** 1483, 6071, 7002, 7811, 7929
***Olea capensis***
electrical phenomena in trees 5794
increment 5794
***Olea dioica***
plant composition 5068
seeds 5068
***Olea europaea***
plant water relations 5726
pollen 335
translocation 912
***Olea paniculata***
birds 5351
phenology 5351
**Oleoresins** (*see* Resins)
**Oligochaeta** 2117, 4933, 6913, 7717, 8160
***Oligonychus ununguis*** 7275
**Oman**, *Tamarix* 5176
***Ommatolampes haemorrhoidalis*** 5956
***Omphalea oleifera***, light 2777
***Oncideres pustulatus*** 3121
***Oniscus asellus*** 2916
***Ontsira palliatus*** 4512, 7277
***Onychiurus zschokkei*** 7177
***Ooencyrtus*** 3138, 7212
***Ooencyrtus kuvanae*** 6543, 8033
***Ooencyrtus pityocampae*** 6548
**Operations research** 5511
***Operophtera brumata*** 2454, 3087, 3141, 3146, 4514, 7206, 7255
***Ophiostoma*** 1673
***Ophiostoma bicolor*** 1639
***Ophiostoma penicillatum*** 1639
***Ophiostoma polonicum*** 1639
**Opossums** 5344, 5352
***Opuntia***
dunes 2494
erosion control 2494
***Orbignya martiana***
forest management 5497
forestry development 5497
minor forest products 4815
***Oreocalamus armata***, taxonomy 940
**Organizations** 582, 1193-1195, 1817, 4564, 5403, 5465, 5506, 6121, 6317, 7453-7457
***Orgyia detrita*** 1657
***Orgyia leucostigma*** 7264
***Orgyia pseudotsugata*** 526, 1661, 2458, 4472, 6558
**Ornamental branches and foliage** (*see* Cut foliage)
**Ornamental woody plants** 7254
(*see also* Christmas trees; Street trees)
*Acer* 3238, 3241, 3245, 5334, 6898, 7362, 7370, 7378
*Aesculus* 1799
Belgium 8177
*Betula* 6456, 7369, 7373
books 2570, 3252
*Camellia* 4252
Canada 3244
*Carallia* 4009
*Carpinus* 5334, 7362
*Cercidiphyllum* 7362
*Chamaecyparis* 1656, 6069, 7372
Chile 6389
*Chilopsis* 4532
*Cladrastis* 2560, 7362
conferences 1154
*Cornus* 3237, 7369
*Corylus* 7362
*Cupressocyparis* 1656
*Cupressus* 4252, 7372
Czechoslovakia 4358, 7180
damage 3252, 5336, 5440
*Davidia* 3236
*Desfontainia* 4252
*Drypetes* 7121
economics 3247, 6897-6899
Egypt 5021
*Eucommia* 7362
*Euonymus* 3243
Europe 5434
*Fagus* 3238
*Ficus* 5438
*Forsythia* 3237
*Franklinia* 2560
*Fraxinus* 7371
*Guaiacum* 6407
*Hibiscus* 879, 1794
Hong Kong 5438
*Ilex* 2560, 3243
Israel 7192
*Juniperus* 1656, 3240-3241, 4252
*Koelreuteria* 7362
Korea Democratic People's Republic 4007
*Leucaena* 5021
*Liquidambar* 5720
*Maackia* 7362
*Magnolia* 2560, 5720
*Malus* 3241, 7370, 7374
*Michelia* 2013
*Morus* 3239, 7373
New Zealand 6068
North America 2560
*Ostrya* 7362
*Oxydendrum* 7362
*Phellodendron* 7362
*Picea* 7372
*Pinus* 5119, 5334
*Pittosporum* 3243
*Pleioblastus* 7520
*Prunus* 7370, 7373
*Pyrus* 5334
reviews 2559
*Salix* 1794, 5439
*Sassafras* 7362
Saudi Arabia 7361
*Schinus* 3893
*Shibataea* 7520
simulation 3247
Solomon Islands 4009
*Stewartia* 3238
*Syringa* 3238, 7362
Taxodiaceae 6389
*Taxus* 2560, 3241, 6899
*Thuja* 1656, 7372
*Tilia* 7369, 8022
*Torreya* 2560
UK 1055, 2570
*Ulmus* 7362
USA 3244-3245, 4532, 7362, 7367

USA *cont.*
Alabama 7378
Arkansas 3246
Ohio 6897-6899
USSR, RSFSR 6650
*Viburnum* 3241
*Yucca* 4252
***Orthosoma bunneum*** 2432
***Orthotomicus erosus*** 3911, 8060
***Oryctolagas cuniculus*** 1087
**ÖSA harvester** 4177
***Ostrya,*** taxonomy 2976
***Ostrya virginiana***
landscape 7362
natural regeneration 2661
underwood 1603
wind damage 2780
***Otiorhynchus ovatus*** 1960, 5968
***Otiorhynchus raucus*** 5968
***Otiorhynchus sulcatus*** 1960, 5967-5968
***Otoba parvifolia***
homogentisic acid 2919
seeds 2919
**Ownership** (*see* Forest ownership; Private forestry; Social forestry)
***Oxandra lanceolata***
increment 7621
wood anatomy 888
***Oxydendrum arboreum,*** landscape 7362
***Oxydia vesulia*** 1063
***Oxyspora vagans***
biomass 5223
plant physiology 5223
plant succession 5223
***Pachyonyx quadridens*** 7238
***Pachypappa tremulae*** 5305
***Pachystigma bowkeri,*** taxonomy 6448
***Pachystigma macrocalyx,*** taxonomy 6448
**Pacific Islands Trust Territory**
agroforestry 6896
maps 6896
synecology 6896
vegetation types 6896
***Paecilomyces*** 5981
***Paecilomyces farinosus*** 3137, 5332, 6534
**Pakistan**
afforestation 8124
agroforestry 7338
air pollution 2158
Aleyrodidae 6533
*Dalbergia sissoo* 5250
dunes 8124
farm forestry 3405, 7338
forest resources 3298
forestry 3298
*Leucaena leucocephala* 5250
multipurpose trees 1823, 3405
nurseries 3405
pollution 816
*Populus ciliata* 7617
reclamation 8124
shelterbelts 7338
social forestry 5418
species trials 5531
street trees 816, 2158
volume tables 7617
**Palaeobotany** 5168
Asia 6464
Australia 6462
Canada, British Columbia 7811
China 968-969
Europe 6464
North America 6464
USA
Tennessee 400
Vermont 4343
West Virginia 971
**Palaeoecology** (*see also* Vegetation, history)
Asia 2997
Australia 6462
Tasmania 4368
Canada 2994
British Columbia 5175
Quebec 4377
Yukon 2999
Central America 4381
China 968, 983
Denmark 974, 978
Europe 2997, 3001
Finland 6461
**Palaeoecology** *cont.*
German Democratic Republic 6465
German Federal Republic 977, 4384
Iran 972
Irish Republic 975
Israel 5173
Italy 966
Japan 401
methodology 4380
Mexico 4381
Netherlands 4383
New Zealand 402-403, 429, 2992-2993, 2997
North America 970, 2996-2997, 3001-3002, 4380
Panama 5174
simulation 429
Sweden 5104
Switzerland 976, 5172
UK 2995, 3000, 5166-5167, 5838-5839
USA 973, 5169
Iowa 5170, 7928
Michigan 6463
New York 1483
Oregon 5171
Tennessee 400
Texas 2283
Washington 4378-4379
West Virginia 971
Wisconsin 967, 6463
USSR, Kazakh SSR 2998
***Palaquium ellipticum***
synecology 7944
vegetation types 2303
***Palaquium gutta,*** seedlings 3785
**Palmae**
abscission 1570
altitude 5191
Brazil 4815, 7077
crystals 1469
cytology 1469
minor forest products 4815
silica 1469
starch 1469
tannins 1469
**Panama**
*Astrocaryum standleyanum* 5127
coppice 5578
defoliation 2417
*Faramea occidentalis* 368
forest ecology 1824, 2417
insect pests 6583
land use 1116
*Leucaena multicapitula* 6326
*Matisia exalata* 2274
*Oenocarpus mapora* 1967
palaeoecology 5174
plant succession 2315
*Quercus* 5174
rain forests 2811
seeds 368
shifting cultivation 3182
site class assessment 2723
soil biology 2811
soil chemistry 2811
stand characteristics 2295
sustainable land use 3182
synecology 2119, 2295, 2315
*Tachigalia versicolor* 4317, 4324
*Tessmannianthus cereifolius* 5151
tropical forests 1824, 2119, 2295, 2315, 2328, 2417
vegetation types 2315
***Pandanus tectorius***
fruit 5815
seed production 5815
seedlings 5815
***Panesthia australis*** 6575
***Panolis flammea*** 1068, 6551, 7216, 7255, 8044
reviews 508
***Pantana sinica*** 3099
***Panthera tigris*** 5422, 6593
**Papaveraceae,** wood anatomy 326
***Papilio glaucus*** 5911
**Papilionoideae,** root nodules 7127
**Papua New Guinea**
*Acacia* 6150
*Agathis labillardierii* 3467
*Agathis robusta* 3467
agroforestry 3991
**Papua New Guinea** *cont.*
*Alcis papuensis* 3086
*Avicennia marina* 5778
*Cedrela odorata* 3428
*Coptotermes elisae* 3075
*Crossotarsus biconcavus* 3111
deforestation 3991
forest inventories 3289
Isoptera 7186
*Lymantria ninayi* 3086
mammals 8099
mangroves 5778
medicinal plants 6840, 6843
*Microcerotermes biroi* 3075
minor forest products 3476
*Nasutitermes novarumhebridarum* 3075
natural regeneration 3289
*Pinus patula* 3086
plant succession 563
*Platypus jansoni* 3111
*Ptychosperma hentyi* 7067
rain forests 8099
seed sources 6738
seeds 6150
shade trees 8146
shifting cultivation 563
weed control 8146
wood borers 3111
*Xyleborus barbatus* 3111
*Xyleborus perforans* 3111
***Paracarophenax ipidarius*** 7229
***Paradiplosis tumifex*** 520
**Paraguay**
*Eugenia uniflora* 4183
*Hymenochaete* 482
medicinal plants 4182-4183
*Melia azedarach* 1059
mycoplasmal diseases 1059
Myrtaceae 4182
*Paulownia* 482
***Parandra brunnea*** 2432
***Paranthrene tabaniformis*** 3898, 4481, 7272
***Parasa hilarata*** 4477
***Parasetigena silvestris*** 5935
***Parashorea densiflora,*** seedlings 7824
***Parashorea malaanonan,*** light 233
***Parashorea smythiesii,*** seedlings 3785, 7824
***Parashorea tomentella,*** seedlings 3785, 7824
***Parasitaphelenchus oldhami*** 7232
***Parasitaxus***
foliage 4367
taxonomy 4367
**Parasites of insect pests** (*see* Bark beetles, parasites; Insect pests, parasites)
**Parasitic plants** 2137, 3427, 4361, 7173 (*see also* Mistletoes)
***Parasponia,*** biochemistry 1569
***Paratetranychus ununguis*** (*see Oligonychus ununguis)*
***Paratrichodorus*** 8072
***Pareuplexia*** 500
***Parkia,*** silvicultural characters 7485
***Parkia auriculata,*** wood anatomy 996
***Parkia biglobosa***
beekeeping 5000
botany 5000
multipurpose trees 5000
seeds 6706
***Parkia javanica,*** plant water relations 2180
***Parkia oppositifolia,*** tissue culture 72
***Parkia velutina***
Peru 7539
planting stock 7539
***Parkinsonia aculeata***
agroforestry 3210, 6017, 8159
irrigation 3177
reclamation 6017
soil pH 8159
Somalia 3177
species trials 3210
water conservation 8159
***Parrotiopsis jacquemontiana,*** insect pests, *Leucoma* 5311
***Parus ater*** 3935
***Pasania*** (*see Lithocarpus)*
**Passalidae** 1665

**Pastures** (*see* Grazing)
**Patents**
tree breeding 5858
tree injection 7412
USA 7412
***Paulownia***
agroforestry 1754, 4546
fungal diseases 2392
*Hymenochaete* 482
planting stock 495
witches' brooms 495
***Paulownia coreana,*** vegetative propagation 6167
***Paulownia elongata,*** vegetative propagation 6167
***Paulownia elongata* × *P. tomentosa,*** tissue culture 76
***Paulownia fortunei,*** vegetative propagation 6167
***Paulownia kawakamii***
choice of species 5535
Nepal 5535
nurseries 5535
seed germination 5535
seed treatment 5535
species trials 5535
***Paulownia tomentosa***
bark 726
choice of species 5535
diameter 726
fibres 1475
frost resistance 7117
Nematoda 3921
Nepal 5535
nurseries 1950, 5535
seed germination 5535
seed treatment 5535
species trials 5535
tissue culture 646
variation 7117
vegetative propagation 6167
wood chemistry 5792
***Pavetta indica,*** synecology 3804
***Paxillus involutus*** 457, 462, 465, 480, 821-822, 1043, 2374, 3857-3858, 4426, 5254, 7130, 7987
**PDN scalper-seeder** 2698
**Peat** 5850, 6202
**Peatlands** 1401, 3500, 3594, 4141-4142, 6302
(*see also* Afforestation, peatlands; Soil types, peat soils; Vegetation types, peatlands)
***Peddiea thulinii,*** taxonomy 3783
***Peltophorum,*** frost resistance 7676
***Peltophorum adnatum,*** increment 7621
***Peltophorum africanum,*** flavanols 7876
***Peltophorum dubium***
genetics 1036
provenance 2615
***Peltophorum ferrugineum***
bark 2246
chemistry 2246
reproductive behaviour 7906
seedlings 7906
***Peltophorum pterocarpum***
seed germination 6732
seed treatment 6732
***Pemphigus betae*** 5933, 7189
***Penicillium*** 2386, 3866, 7997
***Penicillium brevicompactum*** 2364
***Penicillium canescens*** 2384
***Penicillium citrinum*** 2384
***Penicillium lanosum*** 7169
***Penicillium spinulosum*** 2364
***Peniophora gigantea*** (*see Phlebia gigantea*)
***Pennantia corymbosa***
growth regulators 7883
juvenility 7883
***Pentaclethra macroloba***
forest ecology 5163
light 2255
mortality 5366
photosynthesis 2255
plant succession 2255
seedlings 2255
***Pentacme suavis***
insect pests 2418
seed germination 1887
seeds 1887, 2418
***Pentadesma butyracea,*** wood chemistry 4341
***Pera obovata,*** biomass 3513
***Pericopsis mooniana***
fuelwood 3331
Indonesia 3331
nurseries 1958
species trials 3331
***Peridermium harknessii*** (*see Endocronartium harknessii*)
***Peridermium pini*** 4430
**Periodicals**
agroforestry 3248
bamboos 7382
Canada 6074
Costa Rica 4577
diseases 3249
extension 3249
farm forestry 3248
forest resources 5448
forest statistics 6074
Madagascar 7384
multipurpose trees 3248
Peru 6075
tropical forests 7383
***Periphyllus californiensis*** 5919
***Peromyscus leucopus*** 3112
***Persea americana***
embryo culture 6159
wood anatomy 309
wood chemistry 309
***Persea croatii,*** taxonomy 384
***Persea croizatii,*** taxonomy 384
***Persea fluviatilis,*** taxonomy 384
***Persea julianae,*** taxonomy 944
***Perthida glyphopa*** 8046
**Peru**
agroforestry 1734, 3206, 5453, 7345, 8152
*Alnus acuminata* 8133
arboreta 6459
deforestation 8128, 8152
ethnobotany 7601, 8152
floodplains 7344
flora 6459
forest management 6881
genetic resources 6487
land use 6020
*Lepidocaryum tessmannii* 6988
mangroves 981
medicinal plants 7601
*Mouriri retentipetala* 383
nature conservation 6487
*Parkia velutina* 7539
periodicals 6075
plant succession 1767, 8143, 8152
rain forests 3013, 5196, 6459
secondary forests 8152
seeds 7485
shifting cultivation 1734, 1767, 5453, 7344-7345, 8143, 8152
sustainable land use 3013
synecology 5196
tropical forests 7442
*Vismia schultesii* 6455
volume determination 7614
*Votomita pubescens* 383
watersheds 8112
wildlife 6603
***Pestalotia*** 5885
***Pestalotia foedans*** 2385
***Pestalotiopsis*** 3866, 5265
***Pestalotiopsis versicolor*** 6518
**Pesticides**
aerial application 4900
bibliographies 577
equipment 2015, 6828
German Federal Republic 6828, 7279
methodology 7257
plant products 3921, 5791
pollution 2844
***Petaurista petaurista*** 537, 6600
***Petauroides volans*** 8103
***Petrova metallica*** 8041
***Phacidium infestans*** 8119
***Phaenops cyanea*** 6569, 6581
***Phaenops formaneki*** 6569
***Phaeocryptopus gaeumannii*** 5854
***Phaeolus schweinitzii*** 4434, 5712
***Phaeoseptoria eucalypti*** 4443
***Phalanta phalantha*** 4478
***Phalera assimilis*** 3138
***Phallus impudicus*** 457
***Phellinus andersonii*** 3866
***Phellinus noxius*** 4433
***Phellinus pini*** 4430
***Phellinus tremulae*** 7116
***Phellinus weirii*** 2188, 5271, 7149, 8003
***Phellodendron amurense,*** landscape 7362
**Phenology** 1457, 2199, 4322, 5820, 6383, 6442, 6750, 7005
*Abies* 1393
*Acacia* 1455, 1901, 2190, 2197-2198, 2870
*Aesculus* 2310
*Agathis* (Araucariaceae) 3467, 4410
*Albizia* 1387
*Avicennia* 5778
*Betula* 1458
*Blepharocalyx* 3672
books 1805
broadleaves 5006
*Butea* 1387
*Calamus* 3670
*Carya* 305, 370
*Caryocar* 3672, 7924
*Combretum* 1455
*Cordeauxia* 6262, 6265
*Corylus* 1458
*Crataegus* 1458
*Dalbergia* 3672
*Dendrocalamus* 3671
*Didymopanax* 3672
*Eriotheca* 3672
*Eucalyptus* 2193
*Fagus* 1458
*Goupia* 7924
*Hibiscus* 879
*Hirtella* 2119
*Hybanthus* 2119
*Iryanthera* 7924
*Larix* 1458, 4327, 6989
*Leucaena* 7115
*Melia* 6723
*Mitragyne* 1387
*Neohouzeaua* 3671
*Phyllostachys* 3797, 7905
*Picea* 1393, 1458, 7798
*Pinus* 301, 307, 1022, 2658-2659, 7800, 7882
*Piper* 2119
*Populus* 1458, 5007
*Prunus* 1458
*Pseudotsuga* 1393, 2815, 5237
*Pterodon* 3672
*Qualea* 3672
*Quararibea* 2119
*Quercus* 239, 301, 304, 4108, 5524, 7040
*Robinia* 1458, 5779
*Salix* 1458, 3766
*Sambucus* 1458
*Sclerolobium* 3672
*Scleronema* 7924
*Shorea* 304
*Sorbus* 1458
*Tectona* 1387
*Terminalia* 308, 1387
*Tsuga* 1458
*Virola* 7924
*Vochysia* 3672
*Ziziphus* 6438
***Phialophora finlandia*** 5257
***Phigalia djakonovi*** 2421
**Philippines**
afforestation 553, 1987
agroforestry 2534, 3542, 4550, 5404-5405, 6032
*Albizia falcataria* 3327, 5656
amenity and recreation areas 3938
*Anisoptera thurifera* 233
*Anthocephalus chinensis* 3327
*Araecerus fasciculatus* 6570
*Calamus merrillii* 2874
*Calamus ornatus* 3489
*Calamus siphonospathus* 3779
canes and rattans 3488-3489, 3779
*Casuarina equisetifolia* 5914
choice of species 251, 3351-3352, 6032
coppice 105
deforestation 1851, 6026
degraded forests 1851

**Philippines** *cont.*
*Dioryctria rubella* 519
Dipterocarpaceae 1987
direct sowing 119
economics 106
*Endospermum peltatum* 3327
*Eucalyptus deglupta* 3327
flowering 4322
forest influences 547
forest inventories 991, 3489, 6300
forest management 1368, 3542
forest resources 3489
fruiting 4322
*Gmelina arborea* 3327
green manures 2705
*Heteropsylla cubana* 5928-5930, 5979, 6538
*Hopea foxworthyi* 233
hunting 3938
improvement fellings 698
insect pests 5914
*Ips calligraphus* 509
labour 2534
land use 1368, 3167, 6026
*Leucaena diversifolia* 3351
*Leucaena leucocephala* 6570
light 233
*Lithocarpus* 105
logging 3167, 3542
mangroves 3953
match manufacture 3352
mine spoil 553
mined land 553
nature conservation 3938
*Parashorea malaanonan* 233
phenology 4322
*Pinus kesiya* 119
planting stock 119
protection forests 3953
provenance 3350
rain forests 6300
reclamation 553
resin tapping 4180
seeds 2386
shelterbelts 3953
shifting cultivation 3994, 6026
*Shorea almon* 233
*Shorea negrosensis* 677
*Shorea polysperma* 233, 677
*Shorea squamata* 677
silvicultural systems 106
social forestry 3219
soil types 251
species trials 3349-3351, 7468
stand characteristics 698, 991
sustainable land use 1368
synecology 991
taungya 3992-3993
*Tectona grandis* 165
thinning 3542
tree breeding 1040
*Vatica mangachapoi* 233
vegetation types 1851
volume tables 165
wetlands 3938
wildlife 3938
***Phillyrea angustifolia***
gas exchange 5478
plant water relations 5478
***Phillyrea latifolia***
insect pests, *Silliana* 8069
plant water relations 5726
***Phlaeoba angustdoris*** 3073
***Phlebia gigantea*** 4448, 4450
**Phloem** 2211, 3626, 4344, 5084, 5787, 5795, 6521, 6565
***Phloeosinus cupressi*** 4490
***Phloeosinus perlatus*** 3107
***Phobocampe unicincta*** 8039
***Phoenix,*** insect pests, *Thysanogyna* 2463
***Phoenix dactylifera,*** multipurpose trees 562
***Phoma*** 2386
***Phoma cavae*** 7059
***Phoma eupyrena*** 1053
***Phoma sorghina*** 7995
***Phoma tropica*** 7999
***Phomopsis*** 1053, 1630, 5265, 7995, 7999
***Phomopsis casuarinae*** 5263
***Phomopsis juniperivora*** 471
***Phomopsis mendax*** 3862-3863
***Phomopsis occulta*** 2362, 3885, 5814
***Phomopsis pseudotsugae*** (*see Potebniamyces coniferarum*)
***Phomopsis quercina*** 7059
***Phoracantha semipunctata*** 3922, 6578, 8051
***Photinia villosa,*** pollen 4358
**Photoperiodism** 66, 4254
**Photosynthesis**
air pollution 271, 277, 363, 3747-3748, 4353, 4963, 5085, 5107, 6960, 7055, 7743-7744, 7765
carbon dioxide 363, 916, 1571, 2258, 3748, 4350, 5090, 5715, 6418, 6423-6424
damage 5796
equipment 7406
light 98, 742, 781, 1573, 1600, 1602, 1824, 1854, 2087, 2255, 2959, 4350, 5091, 5800, 6418, 6423, 6906, 7887
measurement 916, 3762, 6941
metabolism 73, 356, 358-359, 433, 742, 1571, 1573, 2087, 2250, 2258, 2689, 2731, 2959, 3402, 3597, 4963, 5090-5091, 5097, 5107-5108, 5178, 5796, 5800, 6197, 6418, 6423, 6643, 6837, 6960, 7046-7047, 7722, 7887
methodology 916, 1167, 1571, 2951
seasonal variation 552, 742, 2248, 3747, 5097, 7055, 7888
simulation 21, 4035, 6424
temperature 742, 910, 1573, 2248, 4350, 5097, 5802, 6908, 7055
theory 5796
transpiration 361, 433, 742, 1416-1417, 1572-1573, 2248-2249, 4350, 5085, 5098, 5178, 5478, 5727, 6197, 6643, 7722
**Phototropism** (*see* Tropisms)
***Phratora vitellinae*** 3066
***Phthorophloeus spinulosus*** 1666
***Phylica arborea***
mice 7909
natural regeneration 7909
seed predation 7909
***Phyllachora infectoria*** 5284
***Phyllactinia corylea*** 7160
***Phyllanthus emblica***
edible species 7600
frost resistance 7676
synecology 7094
***Phyllanthus niruri***
lignans 3692
medicinal plants 3692
***Phyllaphis fagi*** 1062
***Phyllocladus***
palaeoecology 402, 2992
pollen 2992
***Phyllocladus aspleniifolius***
distribution 6908
frost resistance 6908
photosynthesis 6908
***Phyllocladus trichomanoides***
coumarins 7855
foliage 7855
phenylpropanoids 7855
plant succession 7920
synecology 7920
***Phyllocnistis unipunctella*** 2422, 3096
***Phyllocolpa*** 5325, 5957
***Phylloperta horticola*** 8057
***Phyllostachys***
chromosomes 7907
epidermis 1461
evolution 7907
flowering 7905
phenology 7905
plant anatomy 1461
vegetative propagation 7907
***Phyllostachys atrovaginata,*** chromosomes 2345
***Phyllostachys bambusoides,*** altitude 7679
***Phyllostachys carnea,*** taxonomy 7070
***Phyllostachys edulis,*** soil water 1443
***Phyllostachys fimbriligula,*** chromosomes 2345
***Phyllostachys heteroclada,*** yield tables 754
***Phyllostachys nigra,*** chromosomes 2345
***Phyllostachys praecox,*** chromosomes 2345
***Phyllostachys prominens,*** chromosomes 2345
***Phyllostachys pubescens***
chromosomes 2345
climate 3797
distribution 3797
drought injury 2783
enzymes 3740
fertilizers 650, 2640-2641, 2796
fibres 824
flowering 714
foliage 1325
growth 3797, 6281
habit 3797
heat injury 2783
light 1325
management 715
natural regeneration 657
NPK fertilizers 2642
nurseries 657
phenology 3797
plant nutrition 824
plant succession 3821
propagation 714
resources 3797
senescence 3740
soil chemistry 2796
soil physics 2796
stand characteristics 1325
**Phyllotaxy** 1168, 1484
**Phylogeny** 387, 400, 2283, 2886, 5033
**Physiology** (*see* Growth regulators; Photosynthesis; Plant physiology; Plant water relations)
***Physocarpus malvaceus,*** stand characteristics 5842
***Physocarpus opulifolius***
irrigation 6614
shelterbelts 6614
***Phytobia cambii*** 3131
***Phytomyptera nigrina*** 3088
***Phytomyza ilicicola*** 5963
**Phytopathology** (*see* Diseases)
***Phytophthora*** 1055, 3883
***Phytophthora cactorum*** 4431
***Phytophthora cinnamomi***
control 1634
damage 1634, 5272
detection 5794
distribution 5272
ecology 1634
infection 4436, 5273
plant physiology 2193, 4436, 5273
resistance 5272, 7164
***Phytophthora cryptogea*** 4431
***Phytophthora drechsleri*** 4431
***Phytophthora lateralis*** 7152
***Phytophthora megasperma*** 4431
***Phytophthora pseudotsugae*** 4431
***Picea***
acid rain 367, 5745, 6956
air pollution 367, 2243, 5456, 6956
atmosphere 4900
books 5456
cycling 3640, 5589
diameter 3494
dieback 367, 2243, 5456, 7899
distribution 3799
drought injury 5456
early selection 7111
enzymes 5795
epidermis 16
flowering 5138
flowers 5138
foliage 16
forest influences 3640
forest litter 6932
frost injury 5456
fungal diseases 5456
heat injury 5456
ice damage 5456
insect pests 5456
*Hylobius* 7249
*Zeiraphera* 5941
microclimate 4900
plant composition 2243
plant physiology 5795
precipitation 5456
rotations 202
snow 5456
stumps 3494

***Picea* cont.**
weed control 5589
wildlife 5456
wind damage 2780, 5456
yield forecasting 202
***Picea abies***
acid rain 269, 851, 1430, 2145, 3609, 3619, 5556, 5744, 6955, 7764, 7891
afforestation 6609
age of trees 4207
air pollution 270, 363-364, 593, 927, 2152-2153, 2159, 2362, 2847, 2877, 2952, 3618, 3621, 3625, 3642, 3684, 3710-3712, 3747-3748, 3752, 4019, 4284, 4353, 4414, 4951, 4965, 4967-4968, 4970, 5116, 5740, 5742, 5744, 6096, 6161, 6345, 6355, 6532, 6709, 6952-6954, 6957-6958, 6964, 7519, 7521, 7558, 7724, 7738, 7750-7751, 7757-7760
altitude 2790, 2988, 3527
amelioration of forest sites 7521
amenity value of forests 4006
amines 7877
angle count 5679
artificial regeneration 4771, 6209
ascorbic acid 3625
assimilation 7751
assortments 4197, 6275, 6304
bark 2166, 4482
beating up 2049
biochemistry 6964
biomass 2, 2739-2740, 5642, 7606
boreal forests 3814
branches 5011
buds 6380
callipers 4185
callus 6164
cambisols 4279
cambium 2765
canopy 2, 952, 1602
carotenoids 4353
cattle 3162
cell culture 6164
chemotaxonomy 4339
chlorophyll 3402, 4353
chlorosis 4353-4354, 5106-5107, 5803, 7899
Christmas trees 1857
clay soils 4808
cleaning 3465, 4784, 7627
clear felling 808
clones 792, 1254, 6161, 6355, 6492
competition 2049, 4147, 7548
composts 6774
containers 3417, 4113
copper 3417
cost analysis 7668
crown 1578, 3527, 4206, 5112, 5775, 6380, 6423, 7759, 7797
cryopreservation 6164
cycling 2831, 5731
cytology 784, 2808, 2877, 3684-3685
damage 3072, 4978, 6066
decay 1434-1435, 4197
deer 2469, 3162, 5348, 5994, 5999
defoliation 5805, 7759, 7898
dendrochronology 4019, 5172, 5443, 8180-8181
dendroclimatology 1140, 2967, 8182
diameter 4187, 5638
dieback 289, 363-364, 457, 593, 839-841, 843, 925-927, 1378, 1427, 1437, 1578, 1840, 1937, 2765-2766, 2839, 2841, 2877, 3609, 4019, 4163, 4284, 4353, 4886, 4965, 5104, 5109, 5112, 5114, 5116, 5556, 5805-5806, 5809, 5811, 6346, 6428-6431, 6957, 7755, 7757, 7890-7892, 7896-7897
discoloration 1434-1435
DNA 1255
drainage 2674, 3500, 4864
economics 4237, 4895, 6184-6185, 6312, 7667-7668
electrical phenomena in trees 4912, 5481
embryo culture 1246, 6165, 7505
embryology 354

***Picea abies* cont.**
enzymes 357, 2956, 3618, 3734, 6355, 6952
epidermis 1430, 5744
evapotranspiration 795, 3582, 7294
extractives 4482
fertilizers 457, 655, 2638, 3395, 3401-3402, 3585, 4965, 5108, 5556, 6175, 6181-6182, 6184-6185, 6191, 6238, 6346, 6361, 7519, 7521, 7692, 7702, 7764
fodder 7850
foliage 914-915, 1076, 1430, 2152-2153, 2159, 2166, 2833, 2877, 3625, 3684-3685, 3710-3712, 3734, 4248, 4348, 4354, 4967-4968, 4970, 5055, 5116, 5556, 5803, 6345-6346, 7053, 7702, 7750, 7760, 7798, 7816, 7850
forest influences 795, 1447
forest inventories 6304
forest litter 808, 1411, 2800, 4262, 5712, 6330, 6914, 6923, 7178, 7702
forest management 199
forest recreation 6066
frost injury 784, 1393, 2782, 5104
fruiting 7898
fungal diseases 280, 4434
*Armillaria* 3867, 4435
*Fomes* 4435
*Fomitopsis* 4435
*Graphium* 1639
*Gremmeniella* 3865
*Heterobasidion* 1637, 1640, 3049, 8002, 8005, 8020
*Ophiostoma* 1639
fungi 2362
fungicides 3059
genetic resources 2623
genetics 1613, 3025, 3032, 4413
German Federal Republic 7470-7471
ground vegetation 1602, 4400
growing media 4115
growing stock 4213
growth regulators 354, 3619, 7050
growth rings 843, 2967
habit 2790, 3455, 4316
height 1342, 4207, 4806, 5638
humus 808, 6327, 7521, 7688, 7701, 7764
Iceland 1209
increment 1140, 1578, 1840, 2049, 2581, 2741, 2778, 2841, 3072, 3401, 3527, 4199, 4206, 4213, 4689, 5112, 5648, 5775, 5805, 5811, 6312, 6492, 7574, 7625-7627, 7667, 7804, 7896, 8180
indicator plants 4951
inheritance 7725
insect pests 6532
*Cephalcia* 513
*Cinara* 4465
*Dendroctonus* 4489
*Epinotia* 8043
*Gilpinia* 1076
*Hylobius* 1081, 1671, 2435, 4507, 7271
*Ips* 3142, 4482, 5971, 7219-7220, 7222-7223, 8066
*Kaltenbachiola* 5961
*Melolontha* 4262
*Phthorophloeus* 1666
*Pissodes* 7110
*Pityogenes* 3150
*Sirex* 1434-1435
*Tetropium* 1434-1435
insecticides 3059
ionizing radiation 5806
irrigation 3585
juvenility 4348
Lammas growth 7804
landscape 4006
latewood 7627
leaching 6953
light 783, 952, 2778
lime 1937
limonene 7053
lipids 3712
logging 280, 3645, 4978, 5803, 7772-7773

***Picea abies* cont.**
lupins 7574, 7627, 7702
measurement 4185, 6274
mechanics 4192
mensuration 3527
microclimate 7548
mistletoes 6525
mixtures 2006, 2041, 2064, 3465, 3867, 4126, 4161-4162, 4187, 4199, 4806, 4808, 5570, 5616, 7572, 7574, 7805
mountain forests 4784
mycorrhizas 357, 457, 462, 828, 3858, 5254, 5868, 6428
natural regeneration 783, 3162, 3401, 4199, 5576, 6209, 7667, 8107
nature conservation 5348
nitrogen fixation 4279
nurseries 1276, 1480, 1947, 4122, 6191, 6202, 6774
nutrient deficiencies 2638, 3609, 3710-3711, 4353, 4965, 5106-5108, 5116, 5556, 6175, 6345-6346, 7727, 7891-7892
old and fossil wood 5443
organ culture 6165
palaeoecology 5172, 6461
peatlands 3500
phenolic compounds 5055
phenology 1393, 7798
photosynthesis 73, 363, 916, 3402, 3747-3748, 4353, 6423
pigments 3625
pinenes 7053, 7222
plant composition 354, 817, 1640, 2159, 2915, 3710, 3734, 6345, 7850
plant disorders 1578, 2782, 4354, 5106-5108, 5481, 5805
plant morphology 2790
plant nutrition 123, 363-364, 828, 851, 1937, 2827, 2833, 3711, 4284, 4435, 5107, 6126, 6191, 6429, 6955, 7725, 7727
plant physiology 914-915, 1568, 2808, 3619, 4348, 5108, 7724
plant succession 1009, 3003
plant water relations 364, 915, 2145, 2824, 2952, 6365
plantations 123
planting 1480, 2674
planting stock 1947, 2674, 4113, 6189, 6216, 6256
pollen 269, 3642, 7968
polluted soils 6777
precipitation 775
progeny testing 6355, 6760, 7110
provenance 1209, 1230, 1857, 2623, 3402, 4685, 5526, 6126, 6709, 7804
pruning 4798
pseudogleys 7805
reaction wood 5011
remote sensing 4886
resin canals 1487
root systems 1476, 1480, 7773
roots 280, 792, 1568, 1640, 2808, 3417, 3500, 5642, 6916
rootstocks 7372
roundwood 1336
runoff 6609
salt injury 2139
salt tolerance 2139
sandy soils 4689
sap 2824
sapwood 1437
seed germination 5539
seed orchards 4730
seed sources 2623
seed treatment 5539
seedlings 1631, 3072, 3865, 5254, 6126
seeds 354, 1229-1230, 1873, 1875, 7968
selection forests 3527
shelterwood 7702
shoot cuttings 1930, 4097, 4099-4100, 4414, 4730, 6161, 6256, 6492
shoots 3455, 6378-6380
silvicultural characters 4316
silvicultural conversion 2988, 4163, 4808, 5616, 6000, 6826

***Picea abies*** *cont.*
silvicultural systems 109, 5570
site class assessment 4211, 4263, 4864
site preparation 6216
skidding 4978
snow 4150, 4192, 7558, 7760
soil 1447
soil amendments 6774
soil biology 4269, 7713
soil chemistry 695, 817, 828, 834, 839, 2098, 2850, 3585, 5556, 6346, 6914, 6916, 6954, 7701
soil density 1476
soil fauna 4933
soil fungi 2812
soil pH 2864, 4115, 6175, 6915, 7764
soil physics 792
soil pollution 817, 834
soil toxicity 2808, 2827, 3858
soil water 795, 3582
spacing 1308, 4799, 7569
species trials 4689
stand characteristics 235, 2988, 4158, 5570, 5834
stem form 2, 4150, 4316
stems 235
stomata 270, 7751
stumps 3867, 8002, 8020
Switzerland 2674
synecology 2988
tending 7558
terpenoids 4339, 7219
thinning 693, 695, 1308, 2006, 3455, 3867, 4149-4150, 4206, 4795, 5602, 5616, 6236, 6238, 6312, 7521, 7557, 7797
thiols 3625, 3734
throughfall 851, 2831, 6318, 7738
tissue culture 354, 1255, 1920, 1925, 5506, 7506
transpiration 364, 2145, 2824
tree breeding 438, 6492
treelines 3003
underplanting 4163
underwood 1602
variation 4414, 7222
vegetation types 564, 6066
vegetative propagation 73, 1254, 5506, 6760
volume 1336
volume determination 729
volume tables 2041, 4197
water pollution 2850
water stress 3603, 7724
waxes 1430, 2145, 3625, 5744, 7816
weed control 4122
weight tables 1339
wind 235, 7797
wind damage 235, 788, 6323, 7558, 7797
witches' brooms 6379
wood anatomy 1166, 2765
wood borers 1434-1435
wood defects 4197
wood density 1166, 2166
wood moisture 1437
wood properties 289, 1434-1435, 2765, 4295
wood strength 1434
woody weeds 4147
wounds 1487, 3049, 3645
yield forecasting 1840, 2064, 4211, 6312
yield regulation 4213
yield tables 2063, 4795
zinc 3417
zoning 3003

***Picea asperata***
altitude 739
aspect 739
growing stock 203
increment 739
nurseries 203
soil depth 739
stand characteristics 739

***Picea engelmannii***
air pollution 6709
allelopathy 7102
controlled burning 2869
dendrochronology 4255
essential oils 2941

***Picea engelmannii*** *cont.*
ferns 7102
fertilizers 94, 3390
fungal diseases
*Alternaria* 7144
*Phytophthora* 4431
growth regulators 4720
Iceland 1209
insect pests
*Choristoneura* 7208, 8047
*Coleophora* 3092
*Cydia* 8047
*Dioryctria* 8047
*Ochropleura* 3904
leaf area index 5784
methodology 5784
mortality 4255
mycorrhizas 1050
nurseries 94
nutrient uptake 2131
provenance 1209, 6709
seeds 1222
silviculture 6819
snow 4255
stand characteristics 4389
synecology 4389
tissue culture 84, 4720
vegetation types 5846
wind damage 2787

***Picea engelmannii* × *P. glauca***
insect pests
*Dendroctonus* 3147, 5321
*Pissodes* 3118

***Picea excelsa*** *(see Picea abies)*

***Picea glauca***
air pollution 6709
antibiotics 83
antitranspirants 6935
biomass 3519, 5647
browsing damage 1091
cambium 3688
cell culture 4736
chlorosis 7899
cones 522, 525, 4521, 6745
embryo culture 4741
enzymes 3607
fertilizers 70, 94, 3390, 4751, 4944, 4947, 6191
foliage 1539, 3497, 4944
forest litter 5647
frost injury 124
fungal diseases
*Armillaria* 5890
*Botrytis* 3881
*Cylindrocladium* 4763
*Pucciniastrum* 3048
genetic engineering 1612
German Federal Republic 2614
growing media 93
growth regulators 1239, 4720
herbicides 1995
Iceland 1209
increment 148, 4635, 5651
insect pests
*Choristoneura* 501, 3095, 3900, 6545, 7207, 7209
*Cydia* 525
*Dendroctonus* 1683, 3145
*Strobilomyia* 522, 525
*Zeiraphera* 2423, 3901, 6553, 7197, 8042
insecticides 530
mortality 4800
mulching 1266
mycorrhizas 1051
natural thinning 4800
nurseries 94, 1051, 1266, 4763, 4944, 6191, 6194, 6771
palaeoecology 2999
plant composition 1539
plant nutrition 3607, 4944, 4947, 6191
plant succession 1091
plant water relations 3442
planting 6789
planting stock 102, 124, 1269, 1983, 4775
provenance 1205, 1209, 1868, 6709
reclamation 5379
seed banks 4714
seed germination 3368, 4698, 4713
seed orchards 3048

***Picea glauca*** *cont.*
seed treatment 3368, 4698, 4713
seedlings 124, 7143
seeds 68, 70, 522, 3368, 6745, 6771, 7143
shoot cuttings 1239
silviculture 3466
site class assessment 1310, 3519, 4854
site preparation 102, 3442, 4778
spacing 148, 1310
species trials 4689
stand characteristics 148, 4635, 4947, 5195
stem form 4944
synecology 957, 5195
tissue culture 83-84, 4720
tracheids 3688
tree breeding 83, 438
underwood 1603
vegetation types 5849
volume determination 166
waxes 1995
weed control 4778
wood anatomy 3688
wood chemistry 3688
yield tables 6869

***Picea glehnii***
fungal diseases, *Racodium* 7146
insect pests, *Ips* 7231
natural regeneration 3818
seeds 7146

***Picea jezoensis***
birds 539
dead trees 539
foliage 2704
fungal diseases, *Racodium* 7146
galls 4464
groundwater 793
insect pests
*Adelges* 4464
*Ips* 7231
mortality 7079
natural regeneration 7079
recruitment 7079
resin tapping 2704
resins 2704
seeds 7146
yield forecasting 6285

***Picea koyamai***
birds 539
cones 7211
dead trees 539
fungal diseases, *Chrysomyxa* 1058
insect pests, *Barbara* 7211

***Picea likiangensis,*** mistletoes 5297

***Picea lutzii,*** insect pests, *Dendroctonus* 1683

***Picea mariana***
aluminium 3638
amelioration of forest sites 5558
antitranspirants 96, 3433
artificial regeneration 6223, 6788
bibliographies 6663
biomass 3519, 5647
browse 1092
canopy 4235
chlorosis 7899
clear felling 1092
climate 2994
cones 69, 2631, 3067, 6153, 6745
cycling 1419, 3638
cytology 4629
direct sowing 4773, 6223
dormancy 2092
drainage 2683
fertilizers 70, 85, 4751, 6806
flowering 374
forest fires 6980
forest litter 5647
frost injury 69
frost resistance 3575
fungal diseases 5889
*Armillaria* 5890
*Cylindrocladium* 4763
growth regulators 60, 1239, 4742
heat resistance 2092
heavy metals 5687
increment 4842
insect pests 69, 3067
*Choristoneura* 3095, 4470
*Dasineura* 4470

***Picea mariana*** *cont.*
insect pests *cont.*
*Dioryctria* 4470
*Polygraphus* 3120
*Rhabdophaga* 4501
*Strobilomyia* 4470
lipids 7720
logging 4770
mixtures 5573
mortality 4800
mosses 1419
mulching 4786-4787
mycorrhizas 1419, 4742
natural layering 1290, 6663
natural regeneration 1290, 3825, 4770, 5572-5573
natural thinning 4800
nurseries 1948, 4763, 5558, 6193-6194
palaeoecology 2994, 2999, 4377
peatlands 2683, 3594
phospholipids 7720
photosynthesis 1417
plant physiology 4629, 7720
plant succession 1014, 3825
plant water relations 1417, 3433
planting 6789
planting season 60
planting stock 96, 3433
provenance 1202
reclamation 5379
remote sensing 5687, 5690
seed germination 4713, 6153
seed treatment 4713
seedlings 2092
seeds 60, 68, 70, 374, 2631, 6153, 6745
shoot cuttings 1239-1240, 4742
silvicultural systems 6788
site class assessment 1310, 3519
site preparation 6223
soil biology 6972
soil chemistry 4770, 4919
soil fertility 4770
soil types 85
spacing 1310
species trials 4689
squirrels 69, 4470
stand characteristics 5195, 5573
sterols 7720
synecology 957, 5195
thermal properties 2092
thinning 6806
tree breeding 438, 442
variation 5238
volume tables 176-177, 4842
water stress 7720
weed control 1092, 4786-4787

***Picea meyeri***
chromosomes 1018
genetics 1018

***Picea morrisonicola***
wood anatomy 6399
wood chemistry 6399

***Picea obovata,*** pulpwood production 6807

***Picea omorika***
air pollution 6709
German Democratic Republic 1210
German Federal Republic 2614
increment 4689
provenance 6709
sandy soils 4689
species trials 4689

***Picea orientalis***
artificial regeneration 700
natural regeneration 700
roundwood 5635
storage 5635
volume 5635
weight 5635

***Picea pungens***
air pollution 6709, 7746
antitranspirants 3242
arboreta 3337
exotics 3337
foliage 914
fungicides 6772
galls 6542
German Federal Republic 2614
grafting 3242, 7372
growth regulators 3242
histology 6093
insect pests, *Gilletteella* 6542

***Picea pungens*** *cont.*
nurseries 6772
photosynthesis 73
plant composition 6093
plant physiology 914
provenance 6709
species trials 3337, 4689
tending 7558
vegetation types 5846
vegetative propagation 73

***Picea rubens***
acid rain 276, 3619, 3633, 4955-4956, 7736
air pollution 3627-3628, 3631, 3634, 3758, 4960, 7735-7736
aluminium 3599
biomass 3519
branchwood 3686
browse 1092
chlorosis 7899
clear felling 1092
climate 3757
cycling 1402, 2123, 7729
dendroclimatology 6072
dieback 237, 1576, 3631, 3757-3758
enzymes 2955
fertilizers 85, 4751
foliage 3633, 4955, 5248
forest litter 7729
forest recreation 4661
frost injury 3627
frost resistance 4907, 4956
fungal diseases 3758, 5199
fungi 5248
grazing 4661
growth regulators 3619
growth rings 855
increment 3526, 5651
insect pests 3758
*Choristoneura* 1658, 3284, 3900, 5937
*Dendroctonus* 5199
logging 4661
mortality 3284, 4800, 5199
natural regeneration 1576
natural thinning 4800
plant disorders 3755
plant physiology 3619
plant succession 427
precipitation 7735
provenance 1204
remote sensing 1576
roots 237, 2123
seeds 276
site class assessment 3519
soil chemistry 1402, 4932
soil toxicity 3599
soil types 85
stand characteristics 427, 962, 3755, 5195
synecology 5195
tree breeding 438
weed control 1092, 5590
wind damage 3284, 5199
wood anatomy 3686
wood density 855

***Picea shirasawae,*** fungal diseases, *Chrysomyxa* 1058

***Picea sitchensis***
acid rain 1424
afforestation 863
air pollution 3620, 4960, 5740
branches 5774
deer 1097
dendrochronology 4305
diameter 3494
dieback 5109, 5114
earthquakes 4305
embryo culture 4726
fertilizers 94, 3499, 7516
foliage 5015
forest ecology 4455
forest influences 5755
fungal diseases
*Armillaria* 3867, 5887
*Botrytis* 3881
*Heterobasidion* 1633, 5887
*Phytophthora* 4431
*Resinicium* 5887
German Federal Republic 2614
ground vegetation 4400, 5219

***Picea sitchensis*** *cont.*
growth regulators 5551
growth rings 4305
habit 5009, 5774
increment 3460, 3511-3512, 3517, 4305, 4689, 4807
insect pests
*Cinara* 4465
*Dendroctonus* 512, 1683, 4489
*Elatobium* 3151
*Gilletteella* 3151
*Hylobius* 4513
*Pissodes* 3125-3126, 3460, 3512, 4494, 5953
juvenility 5801
landslides 1707
mechanics 4189, 5009
mine spoil 1714
mixtures 4807
natural regeneration 4403
nurseries 94, 658, 4757
palaeoecology 4379
peatlands 6799
phenology 1458
plant composition 3499
plant physiology 5801
plant succession 4403
plant water relations 1241
planting stock 658, 4757
provenance 1201
pruning 4798
reclamation 1714
roots 2806, 3499, 4319
rootstocks 7372
sandy soils 4689
shoot cuttings 5551
shoots 5009
site class assessment 4263
site preparation 4779
snow 5755
soil chemistry 2806
soil physics 3580
soil types 2806
soil water 2806
spacing 3460
species trials 1292, 4689
stems 5774
stumps 3494, 5887
thinning 1633, 3867, 4794, 5219, 6239
tissue culture 5554, 5801
UK 3961
underplanting 3126
underwood 5219
vegetation types 4403
vegetative propagation 1241, 3379
volcanoes 4305
weed control 2688
wind 3580
wood properties 4983

***Picea smithiana***
damping off 2387
mycorrhizas 2122
nurseries 6196
plant water relations 2122
seed germination 4702
seedlings 2122

***Picea spinulosa***
insect pests, *Ips* 6564
mistletoes 5297

**Picnic areas** (*see* Amenity and recreation areas)

***Pigafetta filaris,*** plant morphology 6994

***Pimpla hypochondriaca*** 8039

**Pinaceae**
chemotaxonomy 2930
distribution 3799
phenolic compounds 2930

***Pinthocoelium columbinum*** 8055

***Pinus***
acid rain 6950, 6956
agroforestry 1722, 3197, 5406, 5410, 8157
air pollution 6949-6950, 6956, 6961
arboreta 3295
artificial regeneration 1360
biochemistry 911
biomass 5410
birds 2473
browsing damage 533-535
cambium 307
canopy 2856

***Pinus*** *cont.*
chemotaxonomy 2930, 6681
controlled burning 7791
deer 8097
dieback 7899
distribution 404, 3799
Dominican Republic 8167
economics 2771
edible species 7588
enzymes 5795
erosion control 7309
evolution 7800
fertilizers 3389, 3601, 4744
foliage 2844, 4281, 7800
forest influences 2410, 2856
forest litter 4262, 5711, 7709
forest management 2771
forest recreation 1132
fungal diseases 466
*Armillaria* 4450-4451
*Cronartium* 4430
*Gibberella* 2390
*Heterobasidion* 4430
*Peridermium* 4430
*Phellinus* 4430
*Phomopsis* 1630
gene flow 6490
genetic gain 1609
German Federal Republic 6078
grafting 6681
grazing 5339, 5406, 5410
humus 1410
hydrology 5211
immunology 6681
increment 2725
insect pests 466
*Acantholyda* 7255
*Aradus* 4462
*Atta* 4515
*Conophthorus* 8
*Dendroctonus* 3106, 4559
*Dendrolimus* 504-505, 2461-2462, 4475, 5309, 5332, 7212, 7250, 7255
*Dioryctria* 507
*Diprion* 7250
*Eucosma* 2455
*Gravitarmata* 507
*Hylastes* 1667, 4490
*Hylobius* 7249
*Hylurgops* 1667, 7218
*Hylurgus* 4490
*Ips* 1669, 4490
*Lymantria* 3089, 7255
*Matsucoccus* 2450
*Monochamus* 2448, 3137, 7277
*Neodiprion* 7255
*Panolis* 7255
*Pissodes* 1670, 3908
*Rhyacionia* 3102, 8036
*Sirex* 7246
*Thaumetopoea* 6548
*Thecodiplosis* 514, 1609, 2444-2445, 3130, 3917
*Tomicus* 1667, 3910, 7218
*Xylocopa* 3128
*Zeiraphera* 5941
irrigation 6572
juvenile wood 282
maps 404
mined land 7312
mycorrhizas 3043, 4426, 7133, 7992
natural regeneration 1360, 2684
Nematoda 516, 2448-2449, 8073
nurseries 7998
nutrient deficiencies 5734
phenolic compounds 2930
phenology 307, 7800
plant colonization 5211
plant composition 4281
plant physiology 5795
pollen 911
proteins 6681
rangelands 5984
reclamation 7312
remote sensing 774, 3550
resin tapping 622
resins 4506
respiration 6949
reviews 404
seed orchards 6823

***Pinus*** *cont.*
seedlings 4430
seeds 7588
senescence 6950
slash 2771
soil biology 3601
soil chemistry 2795, 3601, 6969, 7699
soil stabilization 7309
soil water 2307, 7686
South Africa 5211
species trials 621-622
stain fungi 4490
stand characteristics 759, 2725, 4872, 5671
thinning 7218
volatile compounds 6950
volume tables 6854
weed control 1301, 2684, 6776
wind damage 2780
wood chemistry 4281
wood smoke 6961
woody weeds 5211
yield forecasting 755
***Pinus albicaulis***
diameter 3494
natural regeneration 5203
silvicultural characters 5773
silviculture 5773
stand characteristics 5203
stumps 3494
synecology 5185
***Pinus aristata***
trabeculae 5782
tracheids 5782
wood anatomy 5782
***Pinus armandii,*** Nematoda 1677
***Pinus attenuata,*** gene flow 1015
***Pinus attenuata* × *P. radiata***
fertilizers 7318
planting season 7318
planting stock 7318
reclamation 7318
***Pinus banatica*** *(see Pinus nigra)*
***Pinus banksiana***
acid rain 272
air pollution 274, 1422, 6947, 7740
atmosphere 4900
biomass 1019, 5647
buds 1479
cambium 3688
chlorosis 7899
competition 3463, 4804
cytology 4629
direct sowing 150, 4774
enzymes 3598
fertilizers 70, 90, 92, 101, 150, 4751, 5559, 6765
flowers 5087
foliage 1422, 2363-2364, 4721
forest fires 4991
forest litter 5647
forest management 4032
fungal diseases
*Armillaria* 5890
*Blumeriella* 2363
*Ceratocystis* 5276
*Cronartium* 7155
*Gremmeniella* 2363
fungi 2364
genetics 1019, 3833, 5232, 5239, 5856
German Federal Republic 2614
growth regulators 60, 3598, 4721, 5087
heavy metals 5687
herbicides 1995
increment 148, 4635
insect pests, *Choristoneura* 2425, 4032, 4469, 6545
light 4721
microclimate 4900
mortality 2820, 3463, 4800
mycorrhizas 5258, 7128-7129
natural regeneration 5572
natural thinning 4800, 4804
Nematoda 516, 1079
nucleic acids 5856
nurseries 101, 5559, 6194
photosynthesis 3597
plant anatomy 1479
plant composition 1422, 3597-3598
plant physiology 1422, 4629
plant succession 6480

***Pinus banksiana*** *cont.*
plant water relations 1981, 3442, 3597
planting 6789
planting season 60
planting stock 102, 1981, 3282, 4775
pollen 5087, 7740
provenance 627
reclamation 5379
remote sensing 5687
respiration 3597
roots 3282-3283
seed germination 4713
seed treatment 4713
seedlings 1981, 3598
seeds 60, 70
shoot cuttings 6174
shoots 1479
site preparation 102, 150, 3442, 4774, 6222
soil chemistry 3586, 4919
soil toxicity 2115, 3597-3598
soil water 2820
spacing 148, 5601
species trials 1292
stand characteristics 148, 4635, 4804, 5601
starch 4721
stem form 5601
stomata 6947
sugars 4721
synecology 957
thinning 3463, 5232, 5601
tracheids 3688
tree breeding 438, 1019, 2333, 5239
underplanting 6817
underwood 1603
vegetative propagation 4721
waxes 1995
weed control 5585
wood anatomy 3688
wood chemistry 3688
***Pinus banksiana* × *P. contorta***
genetics 5856
nucleic acids 5856
***Pinus brutia***
drought resistance 262
growth rings 7826
increment 3515
insect pests
Coleoptera 4484
*Matsucoccus* 3896, 6579
*Thaumetopoea* 7198
latewood 7826
seedlings 262, 6579
shoot cuttings 3378
thinning 5608
transpiration 1415
wood anatomy 7826
wood density 7826
***Pinus bungeana***
cytology 1472, 5787
embryology 1472
phloem 5787
plant anatomy 5787
***Pinus canariensis***
bark 1465
insect pests, *Matsucoccus* 3896
vegetation types 1789
***Pinus caribaea***
agroforestry 1762
air pollution 2156
Australia, Australian Northern Territory 4138
Brazil 621-622
clear felling 3945
fertilizers 651
forest fires 296, 3668
fungal diseases
*Cronartium* 8009
*Mycosphaerella* 488
*Rhizoctonia* 473
hydrology 3945
increment 690, 697, 791, 2156
insect pests 3064
*Dioryctria* 2429, 8009
*Leucopholis* 3915
*Rhyacionia* 8076
*Spodoptera* 3905
logging 3945
multipurpose trees 3339
natural regeneration 122, 296

***Pinus caribaea*** *cont.*
Nigeria 697, 791
nurseries 473, 2660, 7525
plant composition 827
plant nutrition 825, 827, 2835
plantations 3299, 4138, 4838, 8127
planting stock 2660, 3418
pollination 4102
private forestry 3299
provenance 619
resin tapping 622
seed germination 1908
seedlings 2835, 3915
seeds 631
silviculture 1762
site class assessment 2723
soil fertility 791
soil physics 791
soil water 791
sowing 1908
spacing 697
stand characteristics 4838
thinning 690
tissue culture 4102
tree breeding 4102
Trinidad and Tobago 4838
Vanuatu 3339
vegetative propagation 4102
volume tables 3508
water pollution 3945
weed control 7525
weight determination 170
wind damage 4253
***Pinus caribaea* × *P. elliottii***
pollination 4102
tissue culture 4102
tree breeding 4102
vegetative propagation 4102
***Pinus caribaea* × *P. patula***
pollination 4102
tissue culture 4102
tree breeding 4102
vegetative propagation 4102
***Pinus cembra***
bare rooted stock 4754
containers 4754
deer 5348
dendrochronology 5172
fungal diseases
*Ascocalyx* 8119
*Phacidium* 8119
Iceland 1209
insect pests, *Zeiraphera* 5936
nature conservation 5348
palaeoecology 5172
shoot cuttings 6174
Switzerland 8119
wood anatomy 4296
***Pinus cembroides***
forest management 5672
plant water relations 7719
stand characteristics 4387
synecology 4388
***Pinus chiapensis***
Colombia 6130
provenance 6130
species trials 6130
***Pinus clausa***
allelopathy 2321
cones 6754
fungal diseases, *Mycosphaerella* 488
mycorrhizas 3856
plant composition 7038
provenance 6152
seed sources 6152
seeds 7038
USA 6152
***Pinus contorta***
abietic acid 6410
acid rain 1430
air pollution 7740
artificial regeneration 3429
bark 5012
benzoic acids 6410
bibliographies 4597
branches 5012, 7806
browsing damage 2049
chromosomes 5231
clear felling 4893, 5206
competition 1687, 2049
conferences 12, 4609

***Pinus contorta*** *cont.*
controlled burning 2869
crown 1354
deer 5358
dendrochronology 2564, 4255
diameter 3494
dieback 5109
direct sowing 1291, 7538
discoloration 6410
enzymes 3750
epidermis 1430
fertilizers 94, 1258, 3392, 4947, 7538
foliage 1430, 3429, 5012
forest fires 2187-2188
frost injury 124
fungal diseases
*Ceratocystis* 3054
*Cronartium* 4492, 5282
*Endocronartium* 487, 3052, 3874, 4440, 5277, 5281-5282
*Heterobasidion* 1633
*Phellinus* 2188
*Phytophthora* 4431
fungi 2187
gene flow 1015
genetics 1618, 3833, 5012, 5282, 5856
German Democratic Republic 1211
German Federal Republic 2614
grazing 1687
green manures 3954
ground vegetation 1599, 5206
growing media 93
growth regulators 1565
habit 5009
herbicides 3412, 6234, 7538
humus 7688
hydrology 6007
Iceland 1209
increment 147, 1354, 2049, 2735, 3874, 4635
insect pests
*Choristoneura* 3095
*Coleophora* 3092
*Dendroctonus* 2187, 2434, 2456, 3114, 3119, 4492, 5323, 7402, 8081-8082
*Dichelonyx* 8061
*Eucosma* 2424, 3100
*Hylobius* 1664
*Neodiprion* 3143, 3923
*Ochropleura* 3904
*Panolis* 1068, 6551, 7216, 8044
*Pissodes* 1664
*Rhyacionia* 3105
Irish Republic 4981
latewood 1468
leaf area index 5784
mechanics 5009
methodology 5784
mistletoes 4492, 5298
mortality 4255
mycorrhizas 796, 1050
natural regeneration 5203
NPK fertilizers 3954
nucleic acids 5856
nurse trees 4807, 6799
nurseries 94, 1480, 3412, 4123
palaeoecology 2999, 4379
peat soils 6551
peatlands 6799
plant composition 3751, 4123
plant morphology 5012
plant nutrition 4947
plant physiology 1565
plant succession 2188
plant water relations 6551
planting 1480
planting stock 124, 1269, 4775
pollen 7740
provenance 1211, 3052, 5282, 7806
pruning 4798
root systems 1480
roots 5012
sanitation fellings 2456
seed dispersal 5824
seed germination 3750-3751, 4698
seed treatment 4698
seedlings 124, 5277
seeds 3750-3751
shoot cuttings 6174
shoots 5009, 7806

***Pinus contorta*** *cont.*
silviculture 3466
site class assessment 4263
site preparation 5206
snow 3392, 4255, 4797
soil biology 5717
soil chemistry 796
soil compaction 4260
soil density 4260
soil depth 4260
spacing 147
squirrels 3392, 4521
stand characteristics 147, 2735, 4635, 4947, 5203, 5683
stem form 4981, 5010, 5012
stumps 3494
thinning 147, 694, 1633, 2456, 2735, 3392, 4521, 4792, 4797, 4893, 4990, 5206, 5358, 6007
tree breeding 5282
underwood 1599, 5206
volume determination 5012
waxes 1430
weeds 3452
weight determination 5012
wind damage 2787, 4797
wood density 5012
yield tables 7619
***Pinus coulteri,*** air pollution 2160
***Pinus cubensis***
essential oils 7849
foliage 7849
fungal diseases 7849
insect pests, *Dioryctria* 7970
mycorrhizas 1049
progeny testing 7970
terpenoids 7849
***Pinus dalatensis,*** distribution 1321
***Pinus densata,*** dendroclimatology 4574
***Pinus densiflora***
acid rain 2865, 7754
age of trees 331
amenity forests 568
bark 726, 8053
basal area 4222
browse 3160
buds 1479
calcareous soils 440
cambium 2963
cell walls 6999
chlorosis 440
cleaning 149
climate 8179
cones 373
control 2009
dendrochronology 8179
dendroclimatology 8179
diameter 726
dunes 441
economics 149
enzymes 2917
eroded soils 440
extractives 8053
fertilizers 149, 440
foliage 3160
forest fires 870
forest influences 2865
forest litter 7704
forest management 418, 3545
fungal diseases 474
*Coleosporium* 1058
*Endocronartium* 5279
*Lophodermium* 7147
fungi 474
genetic gain 1610
genetics 435, 1023, 1610
growth regulators 2963, 5799
growth rings 331, 435
heartwood 331
hybrids 440-441
increment 2729
inheritance 1021
insect pests
*Cryphalus* 3912
*Matsucoccus* 8029
*Monochamus* 511, 7235, 8050, 8053
*Thecodiplosis* 8070
Korea Democratic People's Republic 3302
light 98, 6786

***Pinus densiflora*** *cont.*
mixtures 6773, 7562
mortality 4112, 6786
natural regeneration 568, 669, 870, 6786
Nematoda 511, 515, 6577, 8071
nurseries 98, 4112, 6773
photosynthesis 7722
plant anatomy 1479
plant nutrition 7754
plant succession 7957
plant water relations 2819, 6577, 7722, 8071
planting stock 4112
pollen 2917
pruning 149
resins 8053
salt tolerance 7722
sampling 4222
seedlings 6786
seeds 474, 633, 1021
shoots 1479
site class assessment 2730
soil water 1398
stand characteristics 417-418, 568, 7562
stemflow 2865
taxonomy 945
thinning 2729
throughfall 2865
tissue culture 646
tracheids 435
transpiration 2819
transplanting 2819
tree breeding 7965
wilts 8071
wood anatomy 312, 331
wood properties 945
***Pinus densiflora* × *P. nigra***
vegetative propagation 440
weed control 3450
***Pinus discolor,*** plant water relations 7719
***Pinus echinata***
artificial regeneration 683
boron 4745
cones 4086
drought 6798
forest inventories 6891
fungal diseases
*Mycosphaerella* 488
*Phytophthora* 4436, 7164
insect pests, *Dendroctonus* 5322
irrigation 1879
mortality 4800
mycorrhizas 4745
natural thinning 4800
nurseries 1980
plant composition 7038
plant nutrition 4436
planting stock 1980, 6798
provenance 6152
roots 4436
seed orchards 1879, 4086
seed sources 6152
seeds 7038
soil chemistry 4436
stand characteristics 4030, 7098
synecology 7098
USA 6152
vegetation 5470
wildlife 5470
***Pinus echinata* × *P. taeda,*** fungal diseases, *Phytophthora* 7164
***Pinus edulis***
chemotaxonomy 3736
competition 5836
dendroclimatology 5073
distribution 5178
drought 5073
edible species 6832
ethnobotany 6832
forest management 5672
growth rings 5073
photosynthesis 5178
plant composition 2914, 5073
plant water relations 5178
seed production 6832
seedlings 5780
terpenoids 3736
water stress 5836
***Pinus eldarica*** *(see also Pinus brutia)*
***Pinus eldarica*** *cont.*
growth rings 7826
insect pests, *Matsucoccus* 3896
latewood 7826
wood anatomy 7826
wood density 7826
***Pinus elliottii***
agroforestry 1121, 1744, 2547, 6628, 6636
air pollution 2156
allelopathy 2321
amelioration of forest sites 6717
antitranspirants 3430
biomass 1200, 3516, 3596, 4765
Brazil 621-622
breeding programmes 2331
chemotaxonomy 5236
controlled burning 5766
cycling 1200
defoliation 5767
embryo culture 7507
enzymes 2397
fertilizers 4801, 6717
forest fires 5767
forest influences 861
forest litter 806, 831, 3596
fungal diseases
*Armillaria* 2388
*Cronartium* 484, 1056, 7156
*Gibberella* 8011
*Mycosphaerella* 488-489, 1644, 2397, 3053
genetics 1614-1615, 5236
growth rings 4205
hydrology 3943
increment 746, 2156, 2725, 4205, 5767, 7710
insect pests
*Contarinia* 2419
*Dioryctria* 2419
*Ips* 3113, 6565
*Rhyacionia* 2419
*Tetralopha* 2419
intensive silviculture 4765
juvenile wood 4205
latewood 4205
light 64
limonene 5236
mortality 4800
mycoplasmal diseases 3055
mycorrhizas 3855
natural thinning 4800
Nematoda 516
nurseries 2658-2659, 3407, 3413
phellandrene 5236
phenology 2658-2659
phloem 6565
plant composition 7038
plant physiology 64, 1913, 2121
planting stock 3430
provenance 489, 6152
resin tapping 622, 709-713, 4179
roots 885, 3407
seed germination 64, 3413, 6729, 6731
seed sources 6152
seed treatment 6731
seedlings 3413
seeds 631, 7038
site class assessment 4202, 5661
site preparation 6717
soil chemistry 831, 861, 7710
soil fertility 3596
soil types 7710
species trials 6717
stand characteristics 1835, 2037, 4030, 4801-4802
stand tables 2037
Tanzania 2331
terpenoids 5236
thinning 692, 4802
tissue culture 1913
tree breeding 484, 1056, 3031
USA 6152
vegetation 5470
vegetative propagation 643
volume determination 3509
volume tables 3508-3509
water stress 2121, 7723
weight determination 170
wildlife 5470
wood density 4205
***Pinus engelmannii,*** mycorrhizas 463
***Pinus fenzeliana,*** fungal diseases, *Mycosphaerella* 488
***Pinus flexilis***
controlled burning 4994
genetics 1619
mycorrhizas 1050
***Pinus glabra,*** seeds 1884
***Pinus greggii***
seed germination 4719
seeds 4719
***Pinus halepensis***
air pollution 4952
amenity value of forests 6067
bark 1465
chemotaxonomy 5156
controlled burning 2186
dieback 7058
drought resistance 262
foliage 4952
forest fires 301
forest litter 2186
forest management 6067
fungal diseases, *Gibberella* 2390
genetics 5156
growth rings 7826
increment 3515, 4212
insect pests
Coleoptera 4484
*Matsucoccus* 3896-3897, 6579, 7251
*Thaumetopoea* 2453, 6548, 7213
Jordan 676
landscape 6067
latewood 7826
mycoplasmal diseases 3055
mycorrhizas 7501
myrcene 5156
phenology 301
pinenes 5156
provenance 1860, 5156
seedlings 262, 6579
site class assessment 676
terpenoids 5156
tissue culture 7501
transpiration 1415
wood anatomy 7826
wood density 7826
yield tables 4212
***Pinus heldreichii***
autecology 2871
stand characteristics 2871
***Pinus insularis*** *(see Pinus kesiya)*
***Pinus jeffreyi***
acid rain 2144
air pollution 2144, 2151, 2160, 3560
dendroclimatology 5073
drought 5073
fungal diseases, *Macrophomina* 7996
gene flow 1015
growth rings 5073
insect pests, *Eucosma* 3100
mistletoes 1060, 3888
natural regeneration 4133
plant composition 2144, 5073
plant water relations 4133
pruning 3888
stand characteristics 394
USA, California 3444
weeds 3444
wildlife 1093
***Pinus jeffreyii***
fungal diseases, *Sirococcus* 6523
nurseries 6523
***Pinus kesiya***
agroforestry 4548
biomass 6280
Brazil 621-622
canopy 547
cycling 826
direct sowing 119
distribution 1321
economics 119
forest influences 547
increment 4208
insect pests
*Dioryctria* 519
*Ips* 509
mine spoil 553
mined land 553
mycoplasmal diseases 3055

***Pinus kesiya*** *cont.*
plant composition 6280
plant water relations 254, 4208
plantations 119
planting stock 119
precipitation 547
reclamation 553
resin tapping 622, 1321, 3480
root shoot ratio 254
seed germination 1908
seedlings 254
shade trees 4548
silviculture 135
sowing 1908
thinning 135, 826, 4548
transpiration 254
volume determination 724
weight determination 170
wood chemistry 4341
***Pinus kesiya* × *P. thunbergii,*** insect pests, *Matsucoccus* 8029
***Pinus koraiensis***
birds 539
branchwood 327
browse 3160
clear felling 3424
climate 8179
dead trees 539
dendrochronology 8179
dendroclimatology 8179
direct sowing 6796
flowering 1022
foliage 3160
forest influences 293
forest litter 6334
form factors 7610
fungal diseases, *Lophodermium* 490, 7163
genetics 436, 1022
insect pests 2011
*Acantholyda* 521
*Cinara* 4467
*Pissodes* 4495
Korea Republic 191
mixtures 293
natural regeneration 3424
nurseries 7526
photosynthesis 7722
plant morphology 1022
plant water relations 7722
plus trees 436
pollen 1024
reaction wood 327
salt tolerance 7722
sample plot technique 7659
seed dispersal 2264, 5821
seed germination 6796
seedlings 7526
seeds 342
selective felling 3424
shoot cuttings 6174
site class assessment 2730
soil biology 6334
soil physics 293
squirrels 3936, 5821
stand characteristics 4190, 4375
virgin forests 4190
wood anatomy 327
woody weeds 3451
yield tables 191
***Pinus krempfii,*** distribution 1321
***Pinus lambertiana***
embryo culture 1246
forest litter 2109-2110
fungal diseases, *Macrophomina* 7996
genetics 3830
height 6848-6849
nurseries 2654
provenance 3830
seed sources 3830
tissue culture 1925
tree breeding 2335
***Pinus laricio*** *(see Pinus nigra)*
***Pinus latteri,*** synecology 999
***Pinus leucodermis*** *(see also Pinus heldreichii)*
***Pinus longaeva***
dendroclimatology 5073
drought 5073
growth rings 5073
plant composition 5073
***Pinus luchuensis,*** Nematoda 1677
***Pinus luchuensis* × *P. thunbergii,*** insect pests, *Matsucoccus* 8029
***Pinus maestrensis***
fungal diseases, *Lophodermium* 8013
seed germination 7474
***Pinus maritima*** *(see Pinus pinaster)*
***Pinus massoniana***
acid rain 2836
cytology 4089
damping off 2405
defoliation 4476
distribution 1321
enzymes 2397
erosion 5373
fungal diseases
*Fusarium* 493
*Mycosphaerella* 488, 2397
*Rhizoctonia* 493
fungicides 2405
ice damage 4257
increment 240, 2731
insect pests
*Dendrolimus* 4476
*Dichocrocis* 1660
*Hemiberlesia* 3079
*Ips* 2836
*Matsucoccus* 8029
*Monochamus* 2836
mixtures 5718
Nematoda 1677
photosynthesis 2731
pruning 6810
remote sensing 2757
resin tapping 1321
roots 5373
seeds 4089
silviculture 2695
site class assessment 2757
soil biology 5718
tracheids 284, 7975
tree breeding 3028
variation 7975
water conservation 549
wood anatomy 311, 2580
***Pinus massoniana* × *P. thunbergii***
insect pests, *Matsucoccus* 8029
Nematoda 516
***Pinus maximinoi***
choice of species 5519, 5814
provenance 5519
species trials 5519
***Pinus merkusii***
agroforestry 1122
allelopathy 3826
bark 3805
cones 1895
cycling 2113
distribution 1321
economics 2085
fertilizers 1955
forest fires 1843, 3667
forest influences 3658
forest litter 2113
fungal diseases 1647, 2384
grasses 3826
insect pests, *Dioryctria* 2429
nurseries 1647, 1955, 1961, 2384
plant disorders 362
plant water relations 2179-2180
plantations 1843, 2085
pollen 2342
resin tapping 1321
seed germination 1895, 1909, 3826
seedlings 3826
seeds 1895
soil chemistry 3658
stand characteristics 3805
stems 3805
synecology 3805
taungya 559
tissue culture 1925
wood chemistry 4341
yield forecasting 1358
***Pinus michoacana***
Brazil 621-622
resin tapping 622
***Pinus monophylla***
allelopathy 6924
dendroclimatology 5073
drought 5073
***Pinus monophylla*** *cont.*
forest litter 6924
forest management 5672
genetics 2914
growth rings 5073
natural regeneration 4133
plant composition 2914, 5073
plant water relations 4133
rangelands 7553
volume tables 4195
weed control 7553
***Pinus monticola***
bibliographies 4595
chromosomes 3836
diameter 3494
fungal diseases
*Ceratocystis* 3054
*Cronartium* 8012
*Phytophthora* 4431
genetics 1020, 5230
inheritance 5230
insect pests
*Coleophora* 3092
*Dioryctria* 6587
*Eucosma* 6587
natural regeneration 5203
palaeoecology 4379
provenance 5230
reproductive behaviour 1020
seeds 1886
stand characteristics 5203
stumps 3494
***Pinus mugo***
air pollution 7737, 7740
bark 4325
cones 1016-1017
coumarins 5077
foliage 914, 1017, 7737
fungal diseases
*Ascocalyx* 8119
*Phacidium* 8119
genetics 1016-1017
growing media 4115
growth rings 4256, 4325
habit 4256
insect pests 7276
pioneer species 4325
plant physiology 914
plant succession 3003
pollen 5077, 7740
reaction wood 4256
sapwood 4325
shoot cuttings 6174
snow 4256
soil pH 4115
stem form 4256
Switzerland 8119
treelines 3003
vegetation types 564
wind damage 4256
wounds 4256
zoning 3003
***Pinus muricata***
fungal diseases, *Gibberella* 2390
gene flow 1015
mine spoil 1714
reclamation 1714
***Pinus nelsonii***
site class assessment 7938
stand characteristics 7938
***Pinus nigra***
afforestation 3790
air pollution 927, 4952, 7740
amelioration of forest sites 681
calcareous soils 440, 4278
canopy 2986
chlorosis 440
chromosomes 7108
conditioning 6768
damage 6433
defoliation 8038
dieback 927, 6433
direct sowing 7538
dunes 441
eroded soils 440
evapotranspiration 4031
fertilizers 440, 3396
foliage 441, 4278, 4952
forest litter 4262
fungal diseases
*Lophodermium* 441, 5292

***Pinus nigra** cont.*
fungal diseases *cont.*
*Mycosphaerella* 441
gene flow 1015
genetics 1611
German Federal Republic 1721, 2614
hybrids 439-441
increment 4031
insect pests
Coleoptera 4484
*Neodiprion* 3140
*Pityogenes* 4262
*Thaumetopoea* 5333, 8038
mine spoil 1714
mined land 3955
mycoplasmal diseases 7167
Nematoda 3134
photosynthesis 6768
plant nutrition 4277-4278
plant water relations 4277
planting stock 1270
pollen 7740
pollination 439
pollution 3134
provenance 627
pruning 6362
reclamation 1714, 3955
remote sensing 213
sandy soils 4278
seed germination 5539
seed treatment 2627, 5539
seeds 3365
silvicultural characters 3673
site class assessment 5643
soil amendments 681
stand characteristics 213, 2986
transpiration 6768
transplanting 6768
Turkey 3673
volume determination 213
water stress 6768
weeds 3452
wood properties 6362

***Pinus occidentalis***
Dominican Republic 1183
forest management 2529

***Pinus oocarpa***
Brazil 621-622
Colombia 6130
fungal diseases, *Armillaria* 2388
increment 697
insect pests 3064
*Dioryctria* 2429
mycorrhizas 1049
Nigeria 697
provenance 623, 6130
resin tapping 622
seed germination 1908
site class assessment 4850
sowing 1908
spacing 697
species trials 6130
volume tables 3508
weight determination 170

***Pinus palustris***
allelopathy 2321
cones 4710
fertilizers 653
forest fires 3669
forest litter 831
fungal diseases
*Cronartium* 7158
*Mycosphaerella* 488, 2676
ground vegetation 653
history 7440
light 4251
mortality 4800
natural thinning 4800
nurseries 4251
plant composition 7038
planting stock 2676
provenance 6152
seed germination 6731
seed sources 6152
seed treatment 6731
seeds 1884, 4710, 7038
soil chemistry 831
stand characteristics 4030
synecology 3669
underwood 653
USA 6152

***Pinus palustris** cont.*
variation 7158
vegetation 5470
wildlife 5470

***Pinus parviflora,*** Nematoda 1677

***Pinus patula***
agroforestry 2053
biomass 2053
Brazil 621-622
breeding programmes 2331
choice of species 5814
Colombia 6130
composts 6767
dieback 5814
foliage 3086
forest influences 861, 4914
forest litter 806, 4914
fungal diseases
*Phomopsis* 5814
*Potebniamyces* 5814
growing media 6767
increment 181, 2725, 3522
insect pests
*Alcis* 3086
*Lymantria* 3086
mycoplasmal diseases 3055
mycorrhizas 5867
natural regeneration 122
Nepal 2053
nutrient deficiencies 5814
provenance 6130
pruning 181, 2053
resin tapping 622
seed germination 1908, 4719
seeds 4719
site preparation 3441
soil chemistry 861, 4914
sowing 1908
species trials 6130
Tanzania 2331
thinning 2053
weight determination 170

***Pinus peuce***
air pollution 4080, 7740
German Federal Republic 2614
pollen 7740
shoot cuttings 6174

***Pinus pinaster***
agroforestry 1120, 1738, 2532, 7347
amelioration of forest sites 6717
biochemistry 4417, 5093
clones 6129
controlled burning 2532
diameter 4191
dieback 7058
direct sowing 1295
energy relations 5700
evaporation 5700
fertilizers 4110, 5583, 6181, 6717
forest influences 1120
genetics 2340, 4417
height 4191
histology 7000
insect pests
*Dioryctria* 7205
*Hylobius* 1671
*Ips* 3911
*Matsucoccus* 3896
latewood 1468
microclimate 5700
mycorrhizas 5881
myo-inositol 2927
Nematoda 516
nutrient uptake 1418
pinenes 5093
pinitol 2927
plant composition 2340
plant water relations 2927
planting 1295
planting stock 1295
polysaccharides 7000
seedlings 7000
shelterbelts 3197
site class assessment 5662
site preparation 5583, 6717
soil chemistry 1418
species trials 6717
stand characteristics 4191
stem form 4191
synecology 960
thinning 1120

***Pinus pinaster** cont.*
translocation 5881
uronic acids 7000
variation 6129
xyloglucans 7000

***Pinus pinea***
bark 1465
dieback 7058
fungal diseases, *Gibberella* 2390
growth rings 7826
insect pests, *Matsucoccus* 3896
latewood 7826
salt spray 3576
wood anatomy 7826
wood density 7826

***Pinus ponderosa***
air pollution 2160, 3560
allelopathy 2382, 5853
arboreta 3337
arginine 7675
autecology 3929
birds 1088
cattle 3155-3157, 3929-3930
competition 2382, 3454, 5853
composts 1953
cones 1885
controlled burning 871, 4993-4994, 5764
dendroclimatology 5073
diameter 3494
direct sowing 7538
distribution 3929
drought 5073
economics 3930
exotics 3337
fertilizers 1951
fodder 3155-3157, 5990
foliage 772, 3155-3157, 3929-3930, 6711
forest fires 866
fungal diseases
*Armillaria* 5908
*Ceratocystis* 3054, 8017
*Endocronartium* 5896
*Heterobasidion* 3868, 8005
*Leptographium* 8017
*Lophodermium* 6711
*Phytophthora* 4431
galls 5896
genetics 431-433, 3033, 4416
German Federal Republic 2614
grazing 4519, 7283
ground vegetation 5990
growth rings 5073
height 6848-6849
increment 4497
insect pests
*Cecidomyia* 2443, 4497, 4499-4500, 7247
*Coleophora* 3092
*Coloradia* 5946
*Dendroctonus* 527, 772, 1679
*Dioryctria* 8041
*Eucosma* 2424, 3100-3101
*Leptoglossus* 8041
*Neodiprion* 6572
*Petrova* 8041
*Rhyacionia* 8041
landscape 6637
leaf area index 5784
light 7675
methodology 5784
mistletoes 5670
mortality 4800, 6217
mycorrhizas 1050, 1951, 2382
natural regeneration 4133
natural thinning 4800
nomenclature 3929
nurseries 660, 1951, 1953, 4116, 4123
photosynthesis 433
plant composition 4123, 5073
plant nutrition 1421, 1953
plant physiology 7675
plant water relations 433, 1414, 4133, 6572
planting stock 1978, 6217
progeny testing 6711, 7247
provenance 626, 4416, 4497, 6711
pruning 6811
roots 885
sap 1421

***Pinus ponderosa*** *cont.*
seed sources 4416
seed treatment 2627
seeds 1885
shoots 5088
silvicultural conversion 5567
site class assessment 4856, 4861
site preparation 682
soil chemistry 1421, 1953
soil compaction 4260
soil density 4260
soil depth 4260
soil types 4497
species trials 3337
stand characteristics 394
stumps 3494
synecology 3929
thinning 7283
tree breeding 2443
vegetation types 5846, 5849
water stress 7675
weed control 133, 3454
wildlife 1093
yield forecasting 5670
***Pinus pumila***
fungal diseases, *Cronartium* 1058
soil types 2286
vegetation types 2286
***Pinus quadrifolia,*** plant composition 2914
***Pinus radiata***
agroforestry 5484-5486, 5597, 6012, 6036, 6038-6040, 6042-6047, 7302-7303, 7347
amelioration of forest sites 6717
amines 7056
Australia, Victoria 7712
benzyladenine 7056
biochemistry 1918
biological control 7291
browsing damage 7291
Chile 1329, 7547
crown 7162
cycling 4789, 7700
damage 1098
damping off 7998
data processing 6851
drought resistance 6940
economics 4017
evapotranspiration 6341, 7303
fertilizers 803, 1940, 4749, 5583, 5732-5733, 6180, 6348, 6717, 6766, 6864, 6940, 7547
foliage 3497, 5286
forest litter 6332, 7700
forest management 4017
forest resources 4017
frost resistance 4254
fungal diseases
*Amylostereum* 3129
*Armillaria* 7150-7151
*Cyclaneusma* 5286
*Diplodia* 3869
*Gibberella* 2390, 5293, 6645
*Junghuhnia* 1636
*Mycosphaerella* 7162
gene flow 1015
genetic gain 4411
genetics 2339
growth models 6042
herbicides 4788, 6805, 7546
hydrology 7301
increment 2725, 6013, 6815, 6851, 6864
insect pests
*Automeris* 6557
*Conophthorus* 2390
*Dendroctonus* 2390
*Dioryctria* 2390
Isoptera 5301
*Matsucoccus* 3896
*Pityophthorus* 2390
*Rhyacionia* 3104-3105
*Sirex* 3129, 7246
insolation 4911
irrigation 4143
light 7664
lupins 4749
mammals 5341
mensuration 1329, 4017
mine spoil 1714
mycorrhizas 458, 7135

***Pinus radiata*** *cont.*
NPK fertilizers 5560
nurseries 4762, 5732, 6766
nutrient deficiencies 2794, 4945, 5732-5733, 6347-6348, 6945
nutrient uptake 4623, 4946
photoperiodism 4254
plant disorders 7712
plant nutrition 4749, 4789, 5721
plant physiology 1918
plant water relations 4938, 6940
plantations 4920, 5341
planting stock 4762, 5560, 6766
precipitation 6610-6611
progeny testing 4411
pruning 3869, 4911, 6043-6044, 7162
rabbits 7291
reclamation 1714
remote sensing 2082, 7664
rodents 1098, 7291
roots 6940
seed orchards 6495
seedlings 6940
seeds 62, 4701
shelterbelts 6012-6015
site preparation 5583, 6717
slash 6043-6044
soil chemistry 803, 2794, 4917, 4920, 7712
soil fertility 6348, 7712
soil water 5721, 6940, 7303
spacing 6815, 6851, 7162
species trials 3281, 6717
stand characteristics 2082, 4946, 6014
stem form 6014, 7712
stemflow 6610, 7302
thinning 4749, 4911, 6043-6044, 7413
throughfall 6610, 7302
tissue culture 1918, 1928, 7056
transpiration 6940
tree breeding 3834, 4407, 6495
tree surgery 6645
underwood 6477
volume determination 6851
water stress 5721
weed control 4788-4789, 5597, 7547
weeds 128
wildlife 5341
wood anatomy 1466
wounds 6645
yield forecasting 6815
yield regulation 7413
yield tables 1329
***Pinus resinosa***
bark 730
chlorosis 7899
computer techniques 7423
cones 59, 3047, 3372, 5816, 6155
cycling 3612
damage 7423
diameter 730
dormancy 2947
economics 4244
fertilizers 59, 70, 2797, 6191
foliage 2363-2364
forest fires 6974
forest litter 6920
frost resistance 2947
fungal diseases
*Armillaria* 5890
*Ceratocystis* 5276
*Diplodia* 3047
*Gremmeniella* 2363
*Leptostroma* 2363
*Lophodermium* 7147
*Pragmopycnis* 2363
fungi 2364
increment 21, 148, 4635
insect pests, *Cydia* 3372, 7201
mined land 5257
mineral oils 5334
mortality 2820
mulching 1266
mycorrhizas 480, 3045, 5257-5258
natural regeneration 1010
Nematoda 1079
nurseries 1266, 2649, 3047, 3416, 6191
ornamental woody plants 5334
photosynthesis 21
plant composition 2947
plant nutrition 6191

***Pinus resinosa*** *cont.*
planting season 1984
planting stock 1983-1984, 4244
pollen 6367
private forestry 41
provenance 627
respiration 21
seed germination 4713
seed orchards 6155
seed treatment 4713
seedlings 679
seeds 59, 70, 3372
shoot cuttings 6174
soil chemistry 2797, 3586
soil water 2820
spacing 148
stand characteristics 148, 1010, 4635
subsidies 41
synecology 957
thinning 59, 6241
underwood 1603
weed control 1999, 3445, 5585-5586
***Pinus rigida***
afforestation 3947
air pollution 850, 7740
basal area 4222
browse 3160
foliage 850, 3160
gene flow 1015
genetics 850
German Federal Republic 2614
increment 4412
insect pests, *Lymantria* 4474
mortality 4412
Nematoda 516
plant nutrition 2860
plant water relations 2819
pollen 7740
sample plot technique 7659
sampling 4222
seed orchards 632
thinning 2690
transpiration 2819
transplanting 2819
tree breeding 7965
***Pinus rigida*** × ***P. taeda***
acid rain 7756
basal area 4222
fertilizers 1113
hydrology 8115
increment 4412
mined land 1113
mortality 4412
mycorrhizas 7756
nutrient deficiencies 1113
plant water relations 2819
reclamation 1113
salt injury 1113
sampling 4222
seed orchards 632
soil amendments 1113
stemflow 8115
throughfall 8115
transpiration 2819
transplanting 2819
tree breeding 7965
***Pinus roxburghii***
agroforestry 4020
biomass 2053, 3510, 4859
cones 1903
cycling 4859, 7706
energy relations 4859
foliage 1444, 2234, 3864
forest influences 1444
forest litter 246, 807, 4922, 6926, 7706
fungal diseases, *Mycosphaerella* 3864
genetics 2341
humus 1444
irrigation 612, 1994
natural regeneration 3816, 5197
nurseries 1956, 3864
plant composition 2234
planting season 1956
planting stock 1956
resin tapping 3481
seed germination 4719
seeds 1903, 4719
soil biology 2814
soil chemistry 1444
soil fertility 6929
synecology 3816, 5197

***Pinus roxburghii*** *cont.*
vegetation types 2302
***Pinus sabiniana***
grasses 7280
ground vegetation 7280
peptides 5078
***Pinus serotina***
mortality 4800
natural thinning 4800
***Pinus sibirica***
air pollution 7055
light 2087
natural regeneration 1964
photosynthesis 2087, 7055
plant composition 2087
plant succession 6479
stand characteristics 6479
***Pinus* 'Southern'**
biomass 4845
competition 4240
forest management 4238
fungal diseases
*Gibberella* 7157
*Phytophthora* 1634
*Pythium* 1634
insect pests
*Dendroctonus* 1634
*Lygus* 6201
investment 4238
nurseries 6201
site preparation 4240
***Pinus spinulosa,*** insect pests, *Ips* 3110
***Pinus strobus***
acid rain 272
air pollution 278, 2154, 4958, 7766
antitranspirants 6935
arboreta 3337
artificial regeneration 683
branchwood 3686
cambium 3688
chlorosis 7899
cones 2630, 4086
conferences 6086
dieback 5119
economics 7650
embryo culture 4739
exotics 3337
fertilizers 4752, 6191
foliage 1536, 4958
forest litter 6922
forest management 7650
fungal diseases, *Mycelium* 5269
gas exchange 2154
German Democratic Republic 3333
German Federal Republic 2614, 6078
growth regulators 82
increment 194, 3333, 3526
insect pests
*Diprion* 3127
*Hylobius* 2022
*Neodiprion* 3127
*Pissodes* 7560
latewood 1468
mine spoil 6922
mined land 7319
mixtures 2012
mycorrhizas 5269
natural regeneration 1010
Nematoda 3134
nurseries 6191, 6769
ornamental woody plants 5119
ozone 4752, 4972
photosynthesis 356, 5097
plant colonization 2312
plant composition 1536, 7038
plant nutrition 356, 6191
plant water relations 4270
pollen 6367
pollution 3134
provenance 614, 4972
pruning 7560
reclamation 6922, 7319
resins 1536
roots 4270
seed germination 2630, 3368
seed orchards 4086
seed treatment 3368
seedlings 2838, 4270, 7143
seeds 3368, 6158, 7038, 7143
shoot cuttings 6174
soil chemistry 2838, 5119
***Pinus strobus*** *cont.*
soil compaction 5119, 7319
soil fungi 2812
soil pH 5119
soil water movement 5119
species trials 3337
stand characteristics 1010
synecology 957
tissue culture 82, 646
tracheids 3688
wood anatomy 3686, 3688
wood chemistry 3688, 7766
yield regulation 7650
***Pinus sylvestris***
acid rain 269, 272
air pollution 927, 2159-2160, 3618, 3626, 3632, 4019, 4074, 4282, 4568, 4960, 4963-4964, 4970, 6343, 6355, 6357, 6532, 6947, 6964, 7518, 7629, 7740, 7743-7744, 7746-7749, 7765
allelopathy 5225
altitude 2988
amelioration of forest sites 4264-4265, 4267
amenity value of forests 4006
artificial regeneration 4771, 4780, 6209, 6212, 6221, 6316, 7540
assortments 4197, 6304
bark 4076, 4482
biochemistry 6964, 7848, 7885
biomass 2, 2056, 2740, 6127, 6387, 7607
branches 6386
browsing damage 2049
buds 7882
Byrrhidae 8021
calcareous soils 440, 4278, 6220
cankers 1642
canopy 2, 1602
chlorophyll 7765
chlorosis 440, 7749, 7899
Christmas trees 1320
chromosomes 3027
cleaning 2007, 4784
climate 7932
clones 6355
competition 2049
cones 7483
containers 4113
cost analysis 7668
crown 2966, 4355, 5855
cycling 3166
cytology 784, 7885
damage 3072, 4978, 6433
decay 4197
deer 2469, 6599
dendrochronology 4019, 5443, 5839
dendroclimatology 4568
diameter 5638, 6386, 7615
dieback 843, 927, 1840, 2841, 2966, 3626, 3649, 4019, 5114, 5117, 5809, 6433
direct sowing 6220
distribution 6465
drainage 3500, 4864, 7545
drought 259
dunes 441, 2317
economics 2693, 2772, 3567, 4237, 6184-6185, 6310, 6316, 7668
electrical phenomena in trees 4912
enzymes 2955, 2957, 3618, 3705, 6355, 6494, 7881, 7885
eroded soils 440
evapotranspiration 4031, 6339
extractives 4482
fertilizers 440, 655, 1262-1263, 2638, 3499, 4265, 4267, 4746, 5555, 6178, 6182, 6184-6185, 6238, 6328, 6748, 6764, 7518, 7702, 8028
Finland 2610
flowering 7054
flowers 5087
fodder 7850
foliage 2056, 2159, 2687, 3737, 4248, 4278, 4318, 4970, 5117, 6343, 7702, 7749, 7848, 7850
forest borders 2726
forest ecology 6508
forest fires 6569
***Pinus sylvestris*** *cont.*
forest inventories 6304
forest litter 477, 2800, 3590, 6328, 6330, 7702
forest management 701, 2772, 4220
forest recreation 3233, 6633, 7682
frost injury 784, 2782
fungal diseases
*Cronartium* 1642
*Endocronartium* 5896
*Fusarium* 2403, 7169
*Gremmeniella* 3865, 6183, 6515
*Heterobasidion* 477
*Lophodermium* 5292, 7147
*Rhizoctonia* 7169
galls 5896
gas exchange 4345, 7242
gene flow 1015
genetics 1881, 2610, 4408
German Democratic Republic 2687, 6212
German Federal Republic 1720, 2673, 7470
gibberellins 7054
glutathione 3737
grasses 6228
ground vegetation 1602, 3233, 7545, 7952
groundwater 2816, 6335, 7624, 7921
growth regulators 3742, 4737, 5087, 5799, 7050
growth rings 843, 860, 5650
habit 5855, 6387, 7465, 7535
heartwood 4076, 4337
heathland 5215
height 5638, 7615
humus 7688, 7701
hybrids 439-441
IAA 7848
increment 182, 250, 259, 753, 1280, 1840, 2049, 2054, 2056, 2726, 2741, 2841, 3072, 4031, 4160, 4203, 4355, 5648, 5650, 6335, 7414, 7465, 7545, 7574, 7629, 7747
inheritance 4338
insect pests 1653, 6532, 7224, 8057
*Aradus* 3895, 8028
*Bupalus* 1662
*Chionaspis* 7275
Coleoptera 4484
*Contarinia* 4502
*Hylobius* 1671, 2022, 2435
*Hylotrupes* 7239
*Ips* 3911, 4482
*Lygus* 5306, 8075
*Lymantria* 1083
*Melanophila* 6569, 6581
*Neodiprion* 3140, 7242
*Panolis* 7216
*Phaenops* 6569, 6581
Scolytidae 7223
*Thaumetopoea* 5333
*Thecodiplosis* 4502
*Tomicus* 3909, 4910, 7221, 7223
*Toumeyella* 7275
ionizing radiation 2140
landscape 4006
latewood 860
light 4318, 7052, 7054, 7672
loess soils 4154
logging 4978
lupins 7555, 7574
measurement 6274
mine spoil 6178
mined land 7771
mineral oils 5334
mistletoes 6525
mixtures 2056, 4160, 4187, 4265, 4870, 5650, 6127, 6212, 7574
mountain forests 4784
mycorrhizas 454, 459, 2383, 3860, 4746, 6198, 6220, 6508, 7987
natural regeneration 2667-2669, 2692, 2701, 4780, 6209, 6221, 6316, 7535
Nematoda 516, 1079, 3134, 4504
NPK fertilizers 4106, 6183
nurse trees 4807
nurseries 1194, 1947, 2657, 4122, 5306, 6198, 6202

***Pinus sylvestris*** *cont.*
nutrient deficiencies 2638, 6343
old and fossil wood 5443
ornamental woody plants 5334
palaeoecology 2995, 5839, 6461, 6465, 7932
peatlands 2610, 3500
phenology 7882
phloem 3626
photosynthesis 552, 1573, 4963, 7055, 7743-7744
phytochrome 7052
plant composition 817, 2159, 2911, 3499, 6343, 7850
plant disorders 1817, 2782, 2966, 4355
plant nutrition 812, 2383, 2687, 4277-4278, 6343, 7881
plant physiology 2957, 7052
plant succession 867, 1009, 2317, 5215, 6478
plant water relations 2816, 4277, 6335
planting 2673, 6254
planting season 6793
planting stock 1947, 2657, 4113, 6216, 7540
pollen 269, 5087, 7740, 7885, 7968
polluted soils 6777
pollution 3134
precipitation 2490
progeny testing 6355, 6387
proteins 7765
provenance 613, 627, 1215, 2610, 4074, 4076, 6494, 7465
pruning 4798, 6812, 7465
respiration 552, 4963, 7743
rhizosphere 2175
roots 2175, 2966, 3499-3500, 7810
roundwood 1336, 5635
sandy soils 4272, 4278, 6284, 7683
sap 3626
sapwood 4337
seed germination 1881, 3749, 4697, 5539, 6748
seed orchards 4708, 7483
seed production 7478
seed treatment 2627, 4697, 5539
seedlings 3072, 3865, 7672, 8075
seeds 1875, 3742, 4697, 4700, 7968
selection 2693
shelterwood 7532, 7702
silvicultural conversion 1280, 4220, 5636, 6781
silviculture 701
site class assessment 3530, 4211, 4263, 4864, 6283-6284, 7624
site preparation 867, 4106, 6216
skidding 4978
snow 5636
soil bacteria 6933
soil biology 5719, 7713
soil chemistry 812, 817, 4267, 4282, 5555, 6178, 7545, 7701
soil depth 7624
soil fertility 4264-4265, 4267
soil pH 7545
soil physics 7624, 7682
soil pollution 817
soil toxicity 812
soil water 2054, 7682-7683, 7810
spacing 4160, 6243
species trials 1292
stain fungi 4910
stand characteristics 2610, 2692-2693, 2988, 4160, 6335, 6386, 7535, 7635
stem form 2, 2317, 5636, 5855, 7465, 7535
stemflow 3166
stomata 6947
storage 5635
stumps 2411
synecology 961, 2988, 7921
tending 7558
terpenoids 4027, 4338
thinning 139, 860, 1433, 4149, 4154, 4708, 6238, 6243, 7414, 7555, 7635
throughfall 2490, 3166
tissue culture 4737, 5506, 7506
topping 139
trap trees 4513

***Pinus sylvestris*** *cont.*
tree breeding 7478
treelines 7932
underplanting 1348, 4267
underwood 1602, 7952
variation 4076, 5855
vegetation types 564, 6465, 7921
vegetative propagation 5506
volume 1336, 5635
volume determination 7615
volume tables 4197
water uptake 4272
waterlogging 4154
weed control 2687, 4122, 6228-6229
weeds 2687
weight 5635
wind damage 788, 4910, 6323
wood anatomy 860, 2167, 4076, 4296, 7748
wood chemistry 4337, 4568, 6357
wood defects 4197
wood density 2167
wood properties 860, 3649, 4076
yield forecasting 753, 1840, 4211, 6097, 7635

***Pinus tabulaeformis***
biomass 5644
climate 5696
forest litter 804
insect pests, *Matsucoccus* 8029
mixtures 4870, 5644
pollen 4364
provenance 4682
stemflow 5371
throughfall 5371

***Pinus tabulaeformis* × *P. thunbergii***, insect pests, *Matsucoccus* 8029

***Pinus taeda***
acid rain 833, 3280
agroforestry 1791, 3796, 6628, 6636
air pollution 3280, 3631
aluminium 3599
artificial regeneration 683, 4772, 5584
assortments 1355
biochemistry 6421
biomass 4845-4846
Brazil 621-622
Colombia 6130
competition 3754, 3796, 4029
cones 3367
controlled burning 6373
crown 722
cycling 7730
defoliation 5767
dieback 3631
drought 6798
embryo culture 1246
embryology 354
enzymes 2955
fertilizers 653, 1939, 1945, 2200-2201, 2651, 3154, 5566
flowering 3030
foliage 1939, 2200-2201, 3497, 3754
forest fires 5767
forest influences 861
forest inventories 6891
forest litter 806
frost resistance 3829
fungal diseases
*Ceratocystis* 5275, 5289
*Cronartium* 1056, 1916, 3876, 5898, 5906, 7156, 7158
*Endocronartium* 2391
*Mycosphaerella* 488-489
*Phytophthora* 4436, 7164
genetics 2165, 3829
gibberellins 5036
grasses 3796
green manures 1945
ground vegetation 653, 3796
growing stock 2200
growth regulators 81, 5035
habit 306, 3154
herbicides 1998, 3440
increment 2725, 3154, 4412, 4776, 5767, 7710
insect pests
*Contarinia* 2419
*Dendroctonus* 5081, 5275, 5322, 7234
*Dioryctria* 2419

***Pinus taeda*** *cont.*
insect pests *cont.*
*Ips* 3113
*Rhyacionia* 2419, 2681, 3103, 3154, 5317
*Spodoptera* 3905
*Tetralopha* 2419
*Toumeyella* 4505
latewood 1468
light 4251
mine spoil 1945
mortality 4412, 4800, 7953
mulching 4776
mycoplasmal diseases 3055
mycorrhizas 2651, 3855-3856, 4356, 5906
NAA 5036
natural regeneration 6208, 7953
natural thinning 4800
Nematoda 516
nurseries 2651, 2656, 2658-2659, 3407, 3432, 4114, 4251, 4356, 5566
nutrient deficiencies 263
ozone 833, 6960
phenology 2658-2659
photosynthesis 5090
plant composition 354, 2261, 5081, 7038
plant nutrition 3606, 4436
plant succession 4029, 7953
plant water relations 263, 3606, 3829
planting 4674, 5582
planting stock 2584, 3432, 4674, 4764, 4772, 5566, 5582, 6798
pollination 3367
progeny testing 3034, 3835, 5229, 5233
provenance 263, 489, 2165, 3329, 6130, 6152
pruning 7556
reaction wood 306
resin tapping 622
resins 5081
roots 3407, 3606, 4436
seed collection 3371
seed germination 6731, 6734
seed orchards 3367
seed sources 6152
seed treatment 4087, 6731
seedlings 263, 4029, 4114
seeds 354, 1884, 2261, 7038
selection 5568
site preparation 680, 2681, 3440
soil chemistry 833, 861, 4436, 7710
soil toxicity 3599
soil types 7710
species trials 6130
stand characteristics 138, 1333, 3459, 4030, 4802
stems 6271
thinning 138, 2003, 3459, 4802, 7556
throughfall 3459
tissue culture 81, 354, 1916, 1925
tree breeding 1026, 1056, 1916, 2335, 3876, 4772, 5898, 6496
underwood 653
USA 6152
variation 5233
vegetation 5470
volume determination 1333
volume tables 3508
water stress 4939
weed control 3154, 4144
weeds 3796
weight determination 170
wildlife 5470
wood anatomy 5035-5036
wood properties 2165
yield forecasting 5668, 6870
yield tables 1355, 1357, 6870

***Pinus taiwanensis***
fibres 6415
fungal diseases, *Mycosphaerella* 488
growing media 6197
increment 186
Nematoda 1677
photosynthesis 6197
plant succession 1451
plant water relations 6197
reaction wood 6966
tracheids 6966
wood chemistry 6415, 6966

***Pinus tenuifolia*** *(see Pinus maximinoi)*
***Pinus thunbergii***
air pollution 7740
browse 3160
chromosomes 5234
cleaning 149
crown 7781
differentiation 1474
dunes 735-736, 7781
economics 149
enzymes 2397
fertilizers 149, 7990
foliage 3160
forest influences 7781
forest litter 247, 1408-1409, 7704
fungal diseases 474
*Mycosphaerella* 488, 2397
fungi 474
genetics 437
increment 735-736
inheritance 5234
insect pests
*Matsucoccus* 5917, 8029
*Thecodiplosis* 1676
Korea Republic 175
mixtures 7562
mycorrhizas 7990
natural regeneration 669, 2665
Nematoda 516, 1104
photosynthesis 358
plant water relations 6338
pollen 7740
pruning 149
respiration 358
root pruning 6338
seed orchards 632
seedlings 358
seeds 474
soil chemistry 1400
soil physics 1400
stand characteristics 7562
street trees 569
tissue culture 646
tracheids 1474
transplanting 6338
urban forestry 569
volume tables 175
weed control 2665
***Pinus torreyana***
genetics 4405
nucleic acids 4405
***Pinus tropicalis***
clear felling 3945
fungal diseases
*Aspergillus* 7997
*Penicillium* 7997
*Rhizopus* 7997
hydrology 3945
logging 3945
seeds 7997
water pollution 3945
***Pinus uncinata***
dendrochronology 2565
dendroclimatology 2565
dieback 5113
fungal diseases, *Armillaria* 5113
history 7081
insect pests, Scolytidae 5113
pollen 7081
snow 5113
vegetation types 564
***Pinus virginiana***
cycling 7730
fungal diseases, *Phytophthora* 7164
mined land 7319
mycorrhizas 3855-3856
plant composition 7038
provenance 6152
reclamation 7319
seed sources 6152
seeds 7038
soil compaction 7319
USA 6152
***Pinus wallichiana***
choice of species 5814
genetics 2341
German Federal Republic 2614
seed germination 4719
seeds 4719
***Pinus washoensis,*** wildlife 1093
***Pinus yunnanensis***
embryology 881
plant succession 3824
**Pioneer species** 1008, 3674, 3791, 4147, 7670
***Piper,*** seed germination 1883
***Piper aequale,*** light 7670
***Piper arieianum***
defoliation 2416
genetics 2416
synecology 2416
***Piper auritum***
light 7670
seed banks 634
***Piper cordulatum***
phenology 2119
plant morphology 2119
plant water relations 2119
***Piper hispidum***
light 7670
seed banks 634
***Piptadenia meniliformis***
calorific value 2225
wood chemistry 2225
wood density 2225
***Piptadenia peregrina,*** wood chemistry 4341
***Piptadenia suaveolens,*** evapotranspiration 6934
***Piptadeniastrum africanum,*** age 173
***Pirex subvinosus*** 8008
***Piscidia erythrina***
chromones 5080
flavonoids 5080
roots 5080
rotenone 5080
***Pisolithus arhizus*** 2383
***Pisolithus tinctorius*** 457, 463, 1048, 1951, 2381, 2651, 2679, 3855-3856, 4356, 4745, 5254, 5257, 5261, 5870-5871, 5879-5880, 5906, 6798, 7128, 7137-7139, 7756, 7990
***Pissodes castaneus*** 1670
***Pissodes costatus*** 3908
***Pissodes fasciatus*** 2440
***Pissodes nitidus*** 4495
***Pissodes strobi*** 3118, 3125-3126, 3460, 3512, 4494, 5953, 7110, 7560
***Pissodes terminalis*** 1664
***Pistacia lentiscus***
foliage 2183
forest fires 2183
plant water relations 5726
***Pistacia palaestina***
palaeoecology 5173
pollen 5173
***Pithecellobium dulce***
air pollution 2150
fodder 7467
foliage 2150
mycorrhizas 5251
nectar 3679
plant anatomy 3679
plant composition 2150, 2224
salt tolerance 3743
seedlings 3743
seeds 2224
species trials 6132, 7467
***Pithecellobium flexicaule,*** species trials 7464
***Pithecellobium inaequale,*** wood anatomy 996
***Pithecellobium lentiscifolium,*** increment 7621
***Pithecellobium obovale,*** increment 7621
***Pithecellobium pallens,*** species trials 7464
***Pithecellobium pedicellare***
genetics 2329
natural regeneration 1969
pollination 2329
***Pithecellobium saman*** *(see Samanea saman)*
***Pithomyces chartarum*** 2364
***Pittosporum resiniferum,*** taungya 3993
***Pittosporum tenuifolium***
nurseries 1219
seedlings 1219
vegetative propagation 1219
***Pittosporum tobira***
essential oils 7844
flowers 2900, 7844
***Pittosporum tobira*** *cont.*
glycosides 2900, 7844
planting stock 3243
terpenoids 2900, 7844
***Pityogenes bidentatus*** 7223, 8048
***Pityogenes calcaratus*** 8048
***Pityogenes carinulatus*** 8048
***Pityogenes chalcographus*** 3150, 4262, 7223, 8048
***Pityogenes conjunctus*** 8048
***Pityogenes quadridens*** 7223, 8048
***Pityophthorus*** 2390
***Plactocomia***
plant morphology 5827
taxonomy 5827
***Plagiodera versicolora*** 3066, 7240, 8067
**Planning** 1155, 1363, 4560, 6099
**Plant anatomy** *(see also* plant parts concerned, e.g. Bark; Foliage)
*Acacia* 2216, 6991
*Anogeissus* 2214
Bambuseae 1459
books 6654
*Calamus* 2890, 3670
*Calospatha* 2890
*Cedrus* 1465
*Ceratolobus* 2890
*Cupressus* 1465
*Daemonorops* 2890
*Eperua* 7828
*Eucalyptus* 2215
*Juniperus* 1465
*Korthalsia* 2890
*Leucaena* 5021
*Myrialepis* 2890
*Phyllostachys* 1461
*Pinus* 1465, 1479, 5787
*Pithecellobium* 3679
*Plectocomia* 2890
*Plectocomiopsis* 2890
*Pseudotsuga* 1485
*Robinia* 319
*Salix* 7917
*Taiwania* 5786
*Thuja* 1465
*Zelkova* 6983
**Plant composition** *(see also* Wood chemistry)
*Abies* 2930
*Abies alba* 7758
*Abies concolor* 2941
*Abutilon theophrasti* 7007
*Acacia* 2909, 2942
*Acacia auriculiformis* 2609
*Acacia mangium* 2609
*Acacia raddiana* 7951
*Acacia senegal* 6943
*Acer oblongum* 2935
*Acer opalus* 6946
*Acer platanoides* 5790
*Acer pseudoplatanus* 913, 2939, 5071
*Acer saccharum* 2915, 5027, 7731
*Actinidia arguta* 5790
*Actinodaphne lancifolia* 2921
*Actinodaphne longifolia* 2944, 3730
*Actinodaphne speciosa* 7878
acylglycerols 354, 1529, 1562, 3727-3728
*Adansonia digitata* 7012
adenosine phosphates 913
*Aesculus hippocastanum* 5790
*Albizia anthelmintica* 2907
*Albizia lebbek* 6412
alcohols 1529, 1562, 5042
aldehydes 1529
*Aleurites fordii* 7843
alkaloids 317, 896, 901, 904-907, 1460, 1497, 1508, 1514, 1517, 1520-1521, 1523, 1551, 1926, 2035, 2231, 2235, 2240, 2242, 2896, 2902, 2910, 2920, 2926, 2933, 2938, 3698, 3724, 3731, 4342, 5047, 5059, 5067, 5082, 6403, 6405-6406, 7013, 7017, 7037, 7500, 7597-7598, 7847, 7856, 7872, 7878-7879
alkanes 1529, 7859
*Alluaudia dumosa* 3733
*Alnus glutinosa* 913, 5027, 5070, 6944
*Alnus incana* 7850
*Alnus sieboldiana* 7861

**Plant composition** *cont.*
*Alstonia angustifolia* 2933, 3731
aluminium 845, 4336, 5708, 7951
amides 2898, 6944
amines 3727-3728, 6944, 7056, 7877
amino acids 824, 1232, 1392, 1561, 1563, 1743, 2947, 3598, 3607, 5043, 5048, 5141, 6944, 7838, 7880
analysis 344, 2243, 2247, 4027, 4624, 5735, 6681, 7851
*Angophora costata* 2226
*Aniba barbeyana* 7018
anthocyanidins 494, 1544
anthocyanins 1929, 2246, 2918, 6414
anthraquinones 1492, 4335
arginine 7675
ascorbic acid 2150, 2244, 3625, 7850
asparagine 1743
astragalin 1493
*Auxemma oncocalyx* 3486
*Azadirachta indica* 2904, 3735, 6412, 7032, 7035
azadirachtin 2904-2905, 3701, 3735
*Backhousia angustifolia* 3720
*Baillonella toxisperma* 3722
*Balanites aegyptiaca* 7951
barium 2144, 7739
benzophenones 3717
*Betula* 7853
*Betula alba* 5079, 7850
*Betula papyrifera* 5027
*Betula pendula* 2336, 6417, 7739
betulin 7853
betulinic acid 345
biphenyl 3721
*Bowdichia virgilioides* 5059
*Brosimopsis oblongifolia* 3704
*Brucea javanica* 7500
*Buxus papillosa* 5052
cadmium 797, 2159, 6916
*Caesalpinia bracteosa* 3486
caffeic acid 2943
calcium 253, 790, 817, 845, 1561, 1944, 2144, 2225, 2422, 2915-2916, 3486, 4336, 5707, 5735, 6345, 6422, 7012, 7034
calcium oxalate 5070
*Caloncoba echinata* 1496
*Calotropis procera* 5053
*Canarium album* 3703
*Capparis decidua* 4333
carbohydrates 1935, 2786, 2870, 3597, 4123
carbon 5073
carboxylic acids 3598
carotenes 4340
carotenoids 353, 1429, 1547, 2234, 5062, 6414, 7850
*Caryocar coriaceum* 3728
*Cassia siamea* 2609
*Castanospermum australe* 7872
cellulose 287, 5075
*Ceratozamia fuscoviridis* 5062
*Ceratozamia kuesteriana* 5062
chalcones 1557, 2899, 7863
chelating agents 2233
chlorine 6345
chlorophyll 353, 1429, 2144, 2150, 6679, 7765, 7850
chromium 7739
chromones 1520, 3697, 5080
*Cinnamomum cecidodaphne* 3691
*Clausena anisata* 2893
cobalt 7739
*Commiphora cyclophylla* 7019
*Commiphora incisa* 2932
*Commiphora kua* 2932
*Commiphora terebinthina* 7019
Coniferae 2930
copper 797, 2159, 2422, 4336, 7739
coumarins 1520, 2893, 2922-2923, 3700, 5046, 5077, 7843, 7846, 7855
*Croton megalocarpus* 5050
*Croton sonderianus* 3486, 7865
*Cryptomeria japonica* 2842
*Cudrania cochinchinensis* 2894, 5051
cyanogens 2897, 2942
cycloartenols 7840
cymenes 346

**Plant composition** *cont.*
*Dacridiumites mawsonii* 3715
*Dalbergia lanceolaria* 2945
*Dehaasia triandra* 2920
*Delonix regia* 6411
*Deplanchea speciosa* 3707
*Dipteryx odorata* 2922
DNA 1255
*Ekebergia pterophylla* 7873
ellagitannins 1550
*Encephalartos* 7794, 7859
*Entandrophragma candollei* 5063
enzymes 1232, 3734, 5092
equipment 6679
*Ervatamia yunnanensis* 2910
esters 1527, 1529, 1539, 1541, 1543, 1562
ethylene 4722
eucalyptol 346-347
*Eucalyptus globulus* 2912
*Eucalyptus obliqua* 2912
*Eucalyptus perriniana* 7497
*Eucalyptus saligna* 2609
*Euonymus japonicus* 6946
extractives 3696, 4482, 6563, 8053
*Fagus sylvatica* 913, 2916, 3726-3727, 5027, 5735, 6343, 6946, 7191, 7522
fats 824, 4333
fatty acids 342, 899, 1496, 1529, 1562, 2245, 2909, 3727-3728, 5069, 6422, 7041
ferulic acid 899, 2943
fibre 2909
*Ficus religiosa* 6412
flavanols 5790
flavonoids
*Acacia* 1549
*Alluaudia* 3733
*Brosimopsis* 3704
*Calophyllum* 1504
*Dalbergia* 2945, 7029
*Diospyros* 7020
*Garcinia* 7840
*Iryanthera* 1501
*Lonchocarpus* 902
*Lophira* 3714, 7015
*Macaranga* 1511
*Mammea* 7020
*Melia* 351
*Millettia* 3729
*Millingtonia* 7014
*Piscidia* 5080
*Podocarpus* 1546
*Populus* 2241, 7918
*Prunus* 7016
*Pterocarpus* 6404
*Rhus* 1073
*Schinus* 1073
*Vitex* 2892
*Washingtonia* 908
flavonols 348, 2227
*Fraxinus americana* 5027
*Fraxinus excelsior* 913
fructose 1561
galactomannans 1567
gallic acid 1541, 1543, 4491
*Garcinia cola* 7840
*Garcinia pedunculata* 3717
gedunin 7035
genetics 2336, 4338-4339, 7222
*Ginkgo biloba* 3713, 3725
*Gleditsia triacanthos* 5027, 5708
*Gliricidia sepium* 5737
glucose 899, 1561, 4335
glutathione 3737
glycolipids 1422
glycosides 494
*Acacia* 1545, 2942
*Avicennia* 1533
*Combretum* 2228
*Deplanchea* 3707
*Eremophila* 7021
*Erythrina* 317
*Eucalyptus* 7497
*Fagus* 3738
*Guettarda* 7024
*Jatropha* 7841
*Libocedrus* 7870
*Liriodendron* 5911
*Melia* 351

**Plant composition** *cont.*
glycosides *cont.*
*Nyctanthes* 7023
*Pittosporum* 2900, 7844
*Populus* 344, 5911, 7026, 8045
Proteaceae 2897
*Prunus* 6422
*Pseudotsuga* 3718
*Pterocarpus* 6404
*Quercus* 1541, 1552
*Ricinocarpodendron* 350
*Salix* 344, 3706, 5056
*Ulmus* 5157
*Virola* 899
*Xylia* 1460
*Glycosmis mauritiana* 2242
*Glycosmis pentaphylla* 2926
*Gmelina arborea* 4344
*Goniothalamus fulvus* 7013
*Goniothalamus scortechinii* 7013
*Goniothalamus tapis* 7013
growth factors 1495, 1640, 2815, 3701-3702, 3803, 4281, 7848-7849
*Guaiacum officinale* 7028
haemoglobin 1569
hemicelluloses 5075
homogentisic acid 2919
*Hydnocarpus anthelmintica* 1496
*Hydnocarpus kurzii* 1496
hydrocarbons 1562, 2243, 4333
hydrogen 2233
*Ilex rotunda* 7009
*Ilex verticillata* 7839
indoles 903-904
inorganic compounds 909, 7951
inositols 3727-3728
iridoids 1533
iron 817, 845, 2144, 2225, 2422, 4336
*Jatropha multifida* 7841
*Juglans regia* 5790
juglone 1515
*Juniperus communis* 6413
*Juniperus sabina* 2924
*Juniperus thurifera* 5064
ketones 1532, 3720, 4333, 6403
*Laburnum watereri* 5082
lactones 1523, 1542, 2921, 3730, 5046, 7013, 7840
lageflorin 2931
*Lagerstroemia parviflora* 2931
*Larix decidua* 5092
lead 797, 817, 2159, 6916, 7739
Leguminosae 2609
*Leucaena leucocephala* 5737
*Libocedrus bidwillii* 7870
*Libocedrus formosana* 3716, 7869
*Licaria aurea* 5057
*Licaria chrysophylla* 7868
lignans 1491, 1502, 1512, 1524, 1548, 2924, 2944, 3692, 3732, 4825, 5064, 7037, 7868-7869
lignin 287, 882, 1564, 2144, 3486, 6583
limonene 1616, 5236, 7053
limonoids 1494, 7025, 7873
*Lindera umbellata* 2899
lipids 3712, 3727-3728, 5042, 6417, 6422, 7720, 7838, 7850
*Liriodendron tulipifera* 7037
*Litsea gardneri* 7878
*Lophira lanceolata* 3714, 7015
lysine 1489
macrolides 2394
*Maerua crassifolia* 7951
magnesium 253, 790, 817, 845, 1561, 1944, 2144, 2225, 2422, 2915-2916, 4336, 5735, 6345, 6412, 7034, 7522, 7951
*Magnolia henryi* 3721
major elements 184, 827, 2057, 2060, 2133-2134, 2832, 2911, 3803, 5737, 6280, 6343, 6412, 6943
*Mallotus japonicus* 7842
manganese 817, 845, 1561, 2144, 2225, 2422, 2830, 4336, 7739, 7951
*Mangifera indica* 7008
*Melaleuca alternifolia* 7602
*Melia azedarach* 3921, 7034
*Merrillia caloxylon* 2923
methodology 344, 2905, 2913, 2915, 2939, 2946, 3276, 3706, 5076, 5157, 6092-6093, 6679

**Plant composition** *cont.*
*Millettia ferruginea* 3729
*Millingtonia hortensis* 6412, 7014
*Mimosa caesalpiniaefolia* 3486
mimosine 1743, 1856, 4820, 6416, 6426, 6485, 6710
minor elements 6412, 6916, 7951
molybdenum 2422
*Monodora brevipes* 7856
monolignols 3738
monosaccharides 4335, 7850
mucilages 7012
myo-inositol 2927
myrcene 5156
naphthoquinone 1515
*Nectandra amazonum* 3732
*Nectandra glabrescens* 3732
neolignans 5057
nickel 797, 7739
nitrogen 87, 817, 845, 1944, 2144, 3204, 3486, 3499, 5337, 5983, 7595, 7726, 8092
*Nothofagus betuloides* 2786
*Nothofagus dombeyi* 2786
*Nothofagus nitida* 2786
nucleic acids 2261, 2338, 4405
oils 164, 342, 882, 1496, 2224, 2226, 2703, 2909, 4333, 5068-5069, 7007, 7071
*Otoba parvifolia* 2919
pentosans 287
peptides 5078, 7017
phellandrene 5236
phenolic acids 2322
phenolic compounds 344, 352, 1541, 1543, 1559, 2153, 2226, 2916, 2929-2930, 3706, 3940, 4491, 5055-5056, 5141, 5149, 5940, 6093, 6391, 7595
phenols 456, 1499, 5911
phenylpropanoids 7855
phospholipids 1422, 2913, 3727-3728, 7720
phosphorus 87, 790, 817, 845, 913, 1944, 2225, 2422, 2915, 3486, 3499, 4336, 6345, 7034, 7731, 8092
*Phyllocladus trichomanoides* 7855
phytates 6411
phytoalexins 7499
phytochrome 7052
phytoncides 2176
phytosterols 897, 899, 1498, 1562, 2247, 3727-3728
*Picea* 2243
*Picea abies* 2915, 3625, 3710, 3712, 3734, 4339, 5055, 7053, 7758, 7850, 7877
*Picea engelmannii* 2941
*Picea mariana* 7720
*Picea pungens* 6093
*Picea sitchensis* 3499
pigments 1929, 2087, 3276, 3625
Pinaceae 2930
pinenes 346-347, 5093, 5156, 7053, 7222
pinitol 2927
*Pinus* 2930, 4281, 5073, 5093, 6681, 7038
*Pinus banksiana* 4721
*Pinus contorta* 3751, 4123
*Pinus elliottii* 5236
*Pinus halepensis* 5156
*Pinus jeffreyi* 2144
*Pinus kesiya* 6280
*Pinus mugo* 5077
*Pinus pinaster* 2927, 7000
*Pinus ponderosa* 4123, 7675
*Pinus radiata* 7056
*Pinus sabiniana* 5078
*Pinus sylvestris* 2911, 3499, 3737, 4027, 4338, 6343, 7052, 7765, 7848, 7850, 7882
*Pinus taeda* 2261
*Piscidia erythrina* 5080
*Pittosporum tobira* 7844
*Platanus acerifolia* 2227, 7863
*Plumeria obtusa* 7845
*Podocarpus acutifolius* × *P. nivalis* 2918
*Podocarpus nivalis* 2918
**Plant composition** *cont.*
*Podocarpus totara* 2918
polyamines 4722
polyketides 1491
polyphenols 1505, 1516, 1638, 2928
polyprenols 3713
polysaccharides 7000, 7030
populin 7026
*Populus deltoides* 2422, 5027
*Populus eugenei* 2422
*Populus lasiocarpa* 2929
*Populus nigra* 2943
*Populus nigra* var. *italica* 2943
*Populus tremula* 7850
*Populus tremuloides* 3940, 6414
*Populus trichocarpa* 2422
potassium 87, 253, 790, 817, 845, 1944, 2144, 2225, 2422, 2915-2916, 3499, 4336, 5707, 5735, 6345, 7034, 7522, 7951
procyanidins 1505, 3709, 7191, 7862
*Prosopis juliflora* 2908
prostaglandins 2230, 2238, 3746
Proteaceae 2897
proteins 87, 824, 921, 1232, 1391, 1509, 2133, 2197-2198, 2244-2245, 2261, 2298, 2909, 2946, 3478, 3598, 3751, 4333, 4344, 5797, 5983, 6262, 6408, 6416, 6681, 7765, 7838, 7850, 7882
*Prunus avium* 7016
*Prunus cerasus* 5790, 7016
*Prunus sargentii* 5790
*Prunus subhirtella* 5790
*Pseudotsuga menziesii* 1944, 2815, 2941, 3709, 3718, 7053, 7862
*Pseuduvaria indochinensis* 2938
*Ptelea trifoliata* 4342
pterocarpanoids 5065
pyrocatechol 8045
quassinoids 900
*Quercus* 3478
*Quercus acutissima* 7040
*Quercus coccifera* 3702
*Quercus ilex* 6946, 7177
*Quercus pubescens* 6093
*Quercus robur* 913, 2928
*Quercus rubra* 5027
*Quercus spicata* 7866
*Quercus suber* 5075
quinolines 1508, 6406
quinones 2901
reducing agents 2233
resin acids 1536
resins 5072
reviews 4331
*Rhamnus frangula* 4335
Rhizophoraceae 4624
*Robinia pseudoacacia* 5027
rotenone 5080
sabinene 7053
salicin 7026, 8045
salicortin 8045
salireposide 7026
*Salix* 3706, 5056
*Salix alaxensis* 1090
*Salix arbusculoides* 1090
*Salix glauca* 1090
*Salix microstachya* 5027
*Salix planifolia* 1090
*Samanea saman* 6412
sampling 5079
*Sandwithia guyanensis* 5076
saponins 317, 898, 1490, 2876, 2907, 6407, 7028
*Schaefferia cuneifolia* 7836
seasonal variation 348, 913, 1392, 2133, 2226, 2235, 2238, 2815, 2830, 2912, 2947, 3702, 3712, 3734, 5027, 5082-5083, 6417, 7851, 7877, 7880, 7882
*Sequoiadendron giganteum* 2144
sesquiterpenoids 5076
silicon 4336
*Siparuna pauciflora* 3724
sodium 253, 2144, 2225, 2422, 2916, 4336, 7034
*Solanum hypomalacophyllum* 7597
*Sorbus aucuparia* 5790
*Stangeria* 7794
starch 1469, 2159, 2912, 3617, 4721
**Plant composition** *cont.*
steroids 2903, 5053, 6405
sterols 317, 882, 1460, 1498, 1530, 1562, 2247, 3727-3728, 5042, 7720
strontium 2144
sugars 317, 824, 1509, 1529, 2159, 2912, 4333, 4491, 4721, 4745, 7850, 7880, 7910
sulfur 816, 845, 1429, 2144, 4336, 6345, 7767
*Tabernaemontana divaricata* 7499, 7598
*Tamarindus indica* 7835
*Tamarix nilotica* 7951
tannins 494, 882, 1469, 1505, 1526, 1531, 1559, 2417, 2815, 2842, 2935, 3486, 4491, 5337, 5958, 6411, 6544, 6583, 7177, 7595, 7842, 7861, 8092
taxonomic value (*see* Chemotaxonomy)
*Taxus* 5789
terpenoids 6092, 7027
*Abies* 1540, 2941
*Acanthus* 1562
*Amyris* 7022
*Aniba* 7018
*Aparisthmium* 1513
*Avicennia* 1562
*Azadirachta* 882, 1498, 5044, 5049
*Bedfordia* 1542
*Betula* 2336
*Bruguiera* 1562
*Buxus* 5052
*Canarium* 3703
*Canella* 3695
*Cedrela* 2891
*Clausena* 7025
*Combretum* 1558, 2228, 5042
*Commiphora* 2932, 7019
*Croton* 3699, 5050, 7865
*Cryptomeria* 7031
*Dacridiumites* 3715
*Dipterocarpus* 7033
*Dipteryx* 2922
*Entandrophragma* 5063
*Eucalyptus* 1527, 1535
*Ginkgo* 6409
*Ilex* 7009
*Juniperus* 6413
*Kokoona* 2229
*Lagerstroemia* 2931
*Libocedrus* 3716
*Limonia* 5046
*Liriodendron* 5911, 7037
*Mangifera* 7008
*Melaleuca* 4332
*Monodora* 7856
*Musanga* 3693
*Myrica* 897
*Nerium* 3694, 5045
*Picea* 2941, 4339
*Pinus* 1536, 2340, 2914, 4027, 4338, 5081, 5156, 5236, 7849
*Pittosporum* 2900, 7844
*Plumeria* 7845
*Populus* 5911
*Pseudotsuga* 2941
*Quercus* 7866
*Schaefferia* 7836
*Terminalia* 1506
thiols 3625, 3734
*Tilia americana* 5027
*Tilia grandifolia* 5790
titanium 7739
toxins 2394
tremulacin 8045
tremuloiden 8045
triacontanol 4334
trimyristin 1491
tritium 4281
*Tsuga heterophylla* 3803
uronic acids 7000
ursolic acid 7839
vanadium 7739
*Washingtonia filifera* 908, 7039
*Washingtonia robusta* 908
waxes 1539, 1562, 2441, 3726, 4333
xanthones 1500, 1504, 2894-2895, 4331, 5051
xyloglucans 5071, 7000

**Plant composition** *cont.*
*Zanthoxylum budrunga* 7847
*Zanthoxylum microcarpum* 3697
*Zanthoxylum rubescens* 2898
*Zanthoxylum valens* 3697
zeaxanthin 7046-7047
zinc 797, 817, 1561, 2159, 2422, 4336
zirconium 7739
*Ziziphus rugosa* 7017
**Plant disorders** 362, 469, 1578, 2782, 2966, 3755, 4354-4355, 5106-5108, 5264, 5291, 5481, 5805, 5809-5810, 6344, 6566, 7059, 7181, 7712, 8001, 8018
**Plant morphology** 7827
*Arillastrum* 7829
*Azadirachta* 7808
*Baliospermum* 5828
*Bureavella* 7829
*Caesalpinia* 894
*Calamus* 3670, 5827, 6997
*Castanopsis* 5829
climbers 5205
*Couma* 7831
*Crateva* 887
*Croton* 5828
*Dacrycarpus* 6395
*Dacrydium* 6395
*Dalbergia* 7830
*Elaeocarpus* 7069
*Encephalartos* 7794
*Eperua* 7828
*Eriotheca* 7831
*Eschweilera* 7831
*Hevea* 5828
*Hirtella* 2119
*Hybanthus* 2119
*Juniperus* 7919
*Lagerstroemia* 7916
*Leucaena* 5021
*Licania* 7817
*Medusagyne* 7912
*Micropholis* 7817
*Morisonia* 887
*Mycetia* 1481
*Neoguillauminia* 7829
*Ocotea* 7817
*Picea* 2790
*Pigafetta* 6994
*Pinus* 1022, 5012
*Piper* 2119
*Plactocomia* 5827
*Platanus* 314
*Podocarpus* 6395
*Prumnopitys* 6395
*Quararibea* 2119
*Quercus* 3683
*Ragala* 7817
*Robinia* 5779
*Salacca* 5827
*Salix* 7917
*Stangeria* 7794
*Tetragastris* 7831
*Trigonostemon* 5828
*Wallichia* 5827
*Zelkova* 6983
**Plant nutrition** 7005
aluminium 2827, 4278, 4435, 6351
boron 5707
calcium 242, 364, 824-825, 827, 851, 1937, 2694, 2827, 3596, 3610, 3641, 4278, 4435-4436, 4946, 5707, 5737, 5810, 6126, 6186, 6429, 7725, 7732, 7754
carbon 461, 7707
competition 123, 827, 2687, 3016
computer techniques 823
copper 1418, 4435, 5707
iron 824, 4278, 4435, 5707
leaching 851, 2132, 2147, 2848, 3573, 3641, 5810, 6946, 6953
magnesium 242, 363-364, 825, 827, 851, 1937, 2132, 2137, 2687, 2694, 2827, 3596, 3610, 3641, 4278, 4435, 5810, 6343, 6429, 7725, 7754
manganese 4278, 4435, 4946, 6344, 6429, 7727, 7732
methodology 2131, 6944, 6955
minor elements 2138
nitrogen 2846
**Plant nutrition** *cont.*
nitrogen *cont.*
*Abies* 268
*Acer* 2825
*Albizia* 3464
*Alnus* 2124-2125, 2128, 6944
*Betula* 812, 821-822, 2126, 2159, 5089
broadleaves 7697
*Casuarina* 2256
*Coriaria* 2130
*Cryptomeria* 1829
*Elaeagnus* 2124-2125
*Eucalyptus* 242, 3464, 3610, 6277, 7697
*Fagus* 3857, 6343
*Forsythia* 7754
*Gmelina* 86
*Joannesia* 3596
*Juglans* 2125
*Larix* 812
*Leucaena* 265, 452, 7732
*Metrosideros* 7707
*Picea* 1937, 2159, 2827, 2833, 3607, 5107, 6126, 6429, 7725
*Pinus* 356, 812, 825, 827, 2159, 2383, 2687, 2860, 3596, 4278, 4436, 4749, 4789, 4946, 5721, 5881, 6343, 7754, 7881
*Populus* 2124
*Pseudotsuga* 812
*Quercus* 812, 2694, 2860, 5707
*Tabebuia* 3596
nutrient uptake 6906
*Abies* 123, 1953, 3573
*Acacia* 6943
*Alnus* 243, 3393, 6944
broadleaves 7697
*Coccoloba* 6526
*Conocarpus* 6526
*Eucalyptus* 7697
*Fagus* 1044, 3857, 5810
*Ficus* 1007
*Gmelina* 86
*Juglans* 4811
*Leucaena* 6186
*Picea* 123, 828, 2131, 2827, 4944, 6191
*Pinus* 825, 1418, 1953, 2860, 3606, 4623, 4946, 6191
*Populus* 2131
*Prosopis* 5660
*Pseudotsuga* 243, 1953, 3641
*Pthirusa* 6526
*Quercus* 2860
phosphorus
*Acer* 7731
*Albizia* 3464
*Cryptomeria* 1829
*Eucalyptus* 242, 666, 798, 3464, 3610, 5879, 6277
*Fagus* 4435
*Forsythia* 7754
*Gmelina* 86
*Joannesia* 3596
*Juglans* 4811
*Leucaena* 7732
*Metrosideros* 7707
*Phyllostachys* 824
*Picea* 828, 1937, 2833, 4435, 6126, 7725
*Pinus* 356, 825, 827, 2835, 3596, 4278, 4946, 7754
*Quercus* 2694, 5707
*Santalum* 2137
*Tabebuia* 3596
potassium 242, 825, 827, 851, 1937, 2132, 2137, 2694, 2833, 3464, 3596, 3610, 3641, 4278, 4435, 4946, 5737, 5810, 6126, 6429, 7725, 7732, 7754
reserves 666, 1346, 1421, 2870, 3532, 4684, 4944, 6847
resource allocation 4947, 7727
silicon 4435
sodium 4435
sulfur 825, 4435, 7732, 7754
zinc 4278, 4435, 5707, 5810
**Plant physiology** 6668
(*see also* process, function or agency concerned, e.g. Photosynthesis; Plant water relations; Growth regulators)
*Abies* 914, 2689, 5795
*Acanthus* 1562
*Acer* 2961, 5795, 7048
*Adansonia* 7884
*Avicennia* 1562
books 575
*Bruguiera* 1562
*Calliandra* 1575
*Carapa* 2255
conferences 1824
*Cordia* 2255
*Dipteryx* 2255
equipment 7406
*Fagus* 2808, 7522
*Fraxinus* 6948
*Gleditsia* 1567
*Hampea* 2255
*Heliocarpus* 2255
*Holoptelea* 6948
*Leucaena* 6351
*Litsea* 5223
*Mangifera* 2157
*Melastoma* 5223
methodology 914, 1919, 4964
*Metrosideros* 1566
*Minquartia* 2255
*Mussaenda* 5223
*Nothofagus* 1391
*Ochroma* 2255
*Oxyspora* 5223
*Pentaclethra* 2255
*Picea* 73, 914-915, 2808, 3619, 4348, 4629, 5795, 5801, 7720, 7724
*Pinus* 914, 1422, 1565, 1913, 1918, 2121, 2957, 4629, 5795, 6949-6950, 7052, 7675
*Populus* 2954, 5800, 6949, 7984
*Prunus* 6422
*Pseudotsuga* 1952
*Quassia* 2255
*Quercus* 2808, 2957
reviews 2254
*Samanea* 2913, 5094
*Sequoiadendron* 5797
*Taxus* 914
*Tsuga* 7889
*Virola* 2255
*Zapoteca* 1575
**Plant succession** 5987
Australia
Queensland 5181
Victoria 5220
Canada
Ontario 5202
Quebec 5202
Central America 801
China
Yunnan 3824
Zhejiang 3821
climate 3822
climax communities 935, 5190, 5214
computer techniques 4402
Costa Rica 2255, 4460, 5217
fields 563, 1012, 3822, 5221, 8143, 8152
Finland 1008
fires 867, 1010, 1451, 2188, 3825, 4402, 5192, 5987, 6479, 7100, 7958
French Guiana 7955-7956
German Federal Republic 5215
India, Kerala 6928
Korea Republic 3022
logging 1008, 1010, 1014, 1966, 2288, 2294, 2312, 2314, 3823-3824, 4401-4402, 5852, 6480, 6482, 7101, 7953
mathematics 2320
methodology 2320
mined land 1011
Netherlands 6478
New Zealand 2316, 7920
Peru 1767, 8152
plant colonization 1008, 1014, 1111, 1707, 2311-2312, 2315-2317, 4404, 4783, 5209-5211, 5215
Poland 2320
polluted soils 1111

**Plant succession** *cont.*
seral stages 428, 1012, 1966, 2288, 5852, 6928
*Abies* 415, 426-427
*Acer* 5218, 6483
*Agathis (Araucariaceae)* 7920
*Alnus* 425, 4382, 6481
*Betula* 425, 427, 4382
*Bombax* 4709
*Carpinus* 7957
*Cornus* 2313
*Crataegus* 425
*Dalbergia* 4709
*Dendrocalamus* 1783
*Erythrina* 4709
*Eucalyptus* 5181, 5220
*Euonymus* 2313
*Fagus* 415
*Knightia* 7920
*Kunzea* 7920
*Larix* 426
*Liriodendron* 6483
*Litsea* 5223
*Mallotus* 3791
*Melastoma* 5223
*Mussaenda* 5223
*Oxyspora* 5223
*Phyllocladus* 7920
*Phyllostachys* 3821
*Picea* 427, 1009, 4403
*Pinus* 867, 1009, 5215, 6478, 7957
*Pseudotsuga* 4401, 6482
*Pyrus* 4709
*Quercus* 425, 4709, 7957
*Rhamnus* 425
*Robinia* 6483
*Salix* 425
*Sambucus* 425
*Tsuga* 426, 4401, 4403, 5218, 6482
*Viburnum* 2313
*Weinmannia* 7920
simulation 429, 1009, 3004, 3288, 4862, 6479, 7958
statistical methods 427, 4029
Taiwan 6481
theory 4554
UK 1605
USA 7958
Florida 1011
Idaho 5212, 5842
Illinois 2313-2314
Indiana 7100
Michigan 5213, 5218, 6480
Montana 4402, 5192
New York 7954
North Carolina 4029
Oregon 2188, 4401, 5219, 5852, 6482
Tennessee 5221, 6483
Texas 7953
Washington 5222
Venezuela 5216
volcanic soils 426, 2311, 2319
wildlife 1013, 1091, 5210, 5368, 5987, 8143
Yugoslavia 3003
**Plant water relations** 3230
(*see also* Foliage, plant water relations; Roots, plant water relations)
*Acanthus ilicifolius* 1562
*Acer rubrum* 4247, 4936
*Acer saccharum* 2822-2823, 4916
adaptation 255, 262, 433, 1417, 1562, 2118, 2952, 4936, 4940, 5723, 5798, 6197, 6335, 6342, 6941
*Alnus hirsuta* 2819
*Alnus incana* 3523, 6365
*Alnus maritima* 254
*Anthocephalus chinensis* 2821
*Arbutus andrachne* 5726
*Arbutus unedo* 5726
*Avicennia officinalis* 1562
*Betula platyphylla* 7722
*Brabeium stellatifolium* 6941
*Brachylaena neriifolia* 6941
*Bruguiera gymnorrhiza* 1562
*Buxus koreana* 7722
*Caragana intermedia* 5723
*Caragana korshinskii* 5723
*Cassipourea elliptica* 2822
*Castanospermum australe* 258
*Casuarina equisetifolia* 6937
*Ceratonia siliqua* 2118, 5726
*Chamaecyparis formosensis* 6197
*Chamaecyparis obtusa* 257, 6939, 7721
*Cinnamomum camphora* 6338
*Coccoloba uvifera* 6337, 6526
*Conocarpus erectus* 6337, 6526
*Cryptomeria japonica* 257, 6938
*Cunninghamia lanceolata* 6197
*Cunonia capensis* 6941
*Eucalyptus urophylla* 2179
*Fagus grandifolia* 4916
*Fagus sylvatica* 5085
*Fraxinus excelsior* 2727, 6936
*Fraxinus mandshurica* 7722
growth 1345, 1416, 2727, 3523, 4275-4277, 6335
*Hedysarum fruticosum* 5723
*Hedysarum mongolicum* 5723
*Hedysarum scoparium* 5723
*Hippophae rhamnoides* 5723
*Hirtella triandra* 2119
*Hybanthus prunifolius* 2119
*Juglans* 3574
*Juniperus chinensis* 4272
*Juniperus osteosperma* 4133, 5178
*Larix leptolepis* 7722
*Laurus nobilis* 5726
*Liquidambar styraciflua* 5720
*Magnolia grandiflora* 5720
measurement 1414
methodology 1919, 2818, 4026, 4938-4939, 5478, 6939, 7721
*Myrtus communis* 5726
*Nerium oleander* 5726
*Nitraria tangutorum* 5723
*Olea europaea* 5726
*Parkia javanica* 2180
*Phillyrea latifolia* 5726
*Picea abies* 364, 915, 2824, 6365
*Picea sitchensis* 1241
*Pinus banksiana* 1981, 3597
*Pinus cembroides* 7719
*Pinus contorta* 6551
*Pinus densiflora* 2819, 6577, 7722, 8071
*Pinus discolor* 7719
*Pinus edulis* 5178
*Pinus jeffreyi* 4133
*Pinus kesiya* 254, 4208
*Pinus koraiensis* 7722
*Pinus merkusii* 2179-2180
*Pinus monophylla* 4133
*Pinus nigra* 4277
*Pinus ponderosa* 433, 1414, 4133, 6572
*Pinus radiata* 4938
*Pinus rigida* 2819
*Pinus rigida* × *P. taeda* 2819
*Pinus strobus* 4270
*Pinus sylvestris* 4272, 4277, 6335
*Pinus taeda* 3606, 3829
*Pinus taiwanensis* 6197
*Pinus thunbergii* 6338
*Piper cordulatum* 2119
*Pistacia lentiscus* 5726
*Populus* 3593, 4273
*Populus canadensis* 6365
*Populus deltoides* 5084
*Populus* 'Ghoy' 6340
*Populus tremuloides* 4936
*Prosopis glandulosa* 2248, 6785, 7734
*Protea nitida* 6941
*Protea repens* 6941
*Pseudotsuga menziesii* 2815
*Pterodon pubescens* 3362
*Pthirusa maritima* 6526
*Quararibea asterolepis* 2119
*Quercus* 4916
*Quercus coccifera* 5726
*Quercus ellipsoidalis* 4936
*Quercus glauca* 6338
*Quercus ilex* 5726
*Quercus robur* 1416
reviews 4275-4276, 4940, 5729
*Rhizophora mangle* 2822, 6337
*Robinia pseudoacacia* 2818
*Salix cheilophila* 5723
*Schima wallichii* 2179
seasonal variation 2119, 2310, 2815, 5720, 5726, 6337, 6936
simulation 1812, 2822, 4935, 6340
*Swietenia macrophylla* 2180
*Taiwania cryptomerioides* 6197
*Tamarix chinensis* 5723
*Thuja occidentalis* 2822, 4935, 6342
water stress 2091, 2951, 4275, 5478, 7044
(*see also* Soil water, depletion)
*Abies* 5724
*Acacia* 2870, 5727-5728
*Acanthus* 1562
*Acer* 2822-2823
*Alnus* 2129, 2817, 2819, 3859
*Amelanchier* 5836
*Argyrodendron* 2249
*Artemisia* 5836
*Avicennia* 1562
*Betula* 6536, 6951, 7722
*Bombax* 4709
broadleaves 4276
*Bruguiera* 1562
*Buxus* 7722
*Cassipourea* 2822
*Casuarina* 6937
*Cedrus* 6768
*Chamaecyparis* 6939
*Cupressus* 5895
*Dalbergia* 4709
*Erythrina* 4709
*Eucalyptus* 260, 819, 3604, 5722, 6931
*Fraxinus* 7722
*Juniperus* 256, 5836
*Larix* 7722
*Picea* 1417, 2122, 2145, 2952, 3433, 3442, 3603, 7720, 7724
*Pinus* 263, 2121, 2816, 2819, 2927, 3442, 3829, 4939, 5721, 5836, 6572, 6768, 6940, 7675, 7722-7723
*Platanus* 5813
*Populus* 2817, 3871
*Pyrus* 4709
*Quercus* 4709
*Rhizophora* 2822
*Sambucus* 1390
*Sesbania* 5727-5728
*Symphoricarpos* 5836
*Thuja* 2822
*Tsuga* 7889
water uptake 1416, 2821, 4272, 6785, 7721
*Zygophyllum xanthoxylum* 5723
**Plantations**
ecology 122, 5105, 7942
economics 39, 119, 231, 2085, 3299-3300, 6099, 6311
logging 853
silviculture 119, 121, 123, 1987, 3299-3300, 4705, 4809-4810
(*see also* Planting; Weed control)
soil fertility 791, 853, 4266, 4750, 4917, 4920, 6716, 7705
wildlife 5341
**Planting** (*see also* Spacing)
*Alnus* 1975
*Azadirachta* 7808
Canada, British Columbia 4672
*Choerospondias* 2675
*Cryptomeria* 6215
economics 2673
*Eucalyptus* 7544
France 1295
German Democratic Republic 6213, 6251, 6254, 6257, 6259
*Gmelina* 4136
group planting 6215
India, Madhya Pradesh 7544
machinery 154, 3477, 7583
mechanization 6213, 6251, 6254, 6257, 6259, 6789
*Picea* 1480
*Pinus* 1295, 1480, 4674, 5582, 6254
*Prosopis* 1769
*Pseudotsuga* 3439, 5259
*Quercus* 1975
*Rhizophora* 5594
row orientation 3477
*Schima* 1975
soil treatment 1295, 1769, 2675, 3439, 3477, 5259, 6224
Solomon Islands 4136

**Planting** *cont.*
*Swietenia* 4136
*Tectona* 4136
*Terminalia* 4136
tools 6214
types 1295, 1769, 1988, 2674, 3955, 4136, 7544
USA, Arkansas 4674
work study 2673, 4674, 6213
**Planting season** 60, 100, 661, 1956, 1984, 5437, 6219, 6790, 6793, 7318
**Planting stock** 4759
*Abies* 4162
acclimatization 1833
*Acer* 7370
age 1978, 1984, 2679, 4117, 7540
*Alnus* 134
balled stock 134, 2674, 7377, 7539
bare rooted stock 95, 102, 120, 134, 1270, 1947, 1978, 1982, 1984, 2674, 2679, 4113, 4674, 4754, 4757, 4772, 6216, 6219, 6770, 6790, 6798, 7318, 7539-7540
*Cedrela* 3428
*Cedrus* 6768
certification 585, 7148, 7455
computer techniques 2584
conditioning 124, 1269, 5560, 6766
containers 102, 124, 1267, 1269, 1277, 1295, 1956, 1978, 1982, 1984, 2645-2646, 2679, 3417, 4111, 4113, 4136, 4674, 4754, 4772, 4775, 5580, 6211, 6214, 6216, 6219, 6777, 6790, 6798, 7318, 7371, 7540
(*see also* Nurseries, containers)
*Cornus* 4088
*Crataegus* 4088
damage 2660
economics 119, 1985, 4244, 4772, 7495
equipment 6795
*Eucalyptus* 1299, 1985, 3415, 5722
*Euonymus* 3243, 4088
*Fagus* 4121, 6000, 7495
*Fraxinus* 2646, 6643
growth regulators 677, 703, 1272, 1986, 3426
handling 658, 1980, 2660, 4762, 5582, 6795
*Hippophae* 4088
*Ilex* 3243
*Juglans* 1982
*Larix* 4754, 6219
*Ligustrum* 4088
*Lonicera* 4088
*Malus* 7370
methodology 495, 679, 2650, 3282
ornamental woody plants 2559
*Parkia* 7539
*Picea* 96, 1947, 1983, 3433, 4113, 4757, 4775, 6189, 6216, 6256
*Pinus* 679, 1295, 1947, 1978, 1980-1981, 1983-1984, 2660, 2676, 3282, 3418, 3430, 3432, 4112-4113, 4244, 4674, 4754, 4762, 4764, 4772, 4775, 5560, 5582, 6216-6217, 6766, 6768, 6798, 7318, 7540
*Pittosporum* 3243
*Platanus* 661, 3841
*Populus* 2671, 5550, 7148
*Prioria* 6790
protection 96, 661, 1270, 1272, 1274, 1299, 1979, 1981, 1983, 2678-2679, 3243, 3430, 3433, 6000, 6189, 6795, 6798
(*see also* Antitranspirants)
pruning 2645, 6643, 7370
*Prunus* 4088, 7370
*Pseudotsuga* 118, 1978, 2650, 2679, 6218
quality 99, 118, 656, 890, 1267, 1947, 2584, 2650, 2657, 2680, 3268, 3282, 3410, 4758, 4764, 5582, 6770
*Quercus* 703, 890, 2645, 4117, 5580
reviews 3410
*Rhamnus* 4088
*Rosa* 4088
*Salvadora* 1985
*Sambucus* 4088
**Planting stock** *cont.*
shoot cuttings 1991, 2344, 5550, 5722
size 117, 119, 656, 673, 677, 1136, 1277, 1956, 1978, 2676, 3432, 4117, 4162, 4764
*Sorbus* 4088
staking 675, 1798, 2645
storage 100, 661, 1269, 1952, 1980, 2672, 3418, 3432, 4762, 4764, 5566, 6218, 6253
stumps 117, 1267, 1986, 2672, 3425, 4136, 7539
*Tectona* 1985
vegetative propagation 1277, 1985, 2559, 2635, 2671, 3415, 3841, 6256
*Viburnum* 4088
wildings 677, 1272, 1986-1987, 2714, 3344, 3426, 3428, 4121, 6000
**Platanaceae**
palaeobotany 5168
taxonomy 5168
***Platanus***
fungal diseases, *Ceratocystis* 7154, 8007
insect pests, *Corythucha* 6534
***Platanus acerifolia***
buds 2227, 7863
chalcones 7863
dikegulac 5101-5102
flavonols 2227
fungal diseases
*Ceratocystis* 3275
*Gnomonia* 8083
growth models 6642
growth stress 1574
health 314
increment 6642
insect pests, *Corythucha* 8083
mechanics 1574
plant morphology 314
pruning 5101-5102
urban forestry 6642
wounds 1574
***Platanus occidentalis***
allelopathy 1002
birds 2472
callus 5041
cavities in trees 2472
fungal diseases, *Gnomonia* 5294
ground vegetation 1002
increment 5645
insect pests 7276
*Prionoxystus* 3902
intensive silviculture 4766
mined land 7319
mortality 5611
planting season 661
planting stock 661, 3841
pruning 5429, 7559
reclamation 7319
shoot cuttings 3841, 7512-7513, 7559
soil chemistry 1002
soil compaction 7319
soil types 5611
soil water 1002
tree breeding 6501
weed control 5645
wounds 5041, 5429
***Platanus orientalis***
dieback 5813
sap flow 4621
street trees 5813
water stress 5813
***Plathymenia reticulata***
increment 3334
stem form 3334
***Platygaster contorticornis*** 5961
***Platygaster rhabdophagae*** 4501
**Platypodidae** 7228
***Platypus apicalis*** 2389
***Platypus gracilis*** 2389
***Platypus jansoni*** 3111
***Plectocomia,*** plant anatomy 2890
***Plectocomiopsis,*** plant anatomy 2890
***Pleioblastus pygmaeus,*** fertilizers 7520
***Plethodon glutinosus*** 295
***Plethodon jordani*** 295
***Pleurotus ostreatus*** 4450, 5712
***Pleurozium schreberi*** 1419
**Ploughing** 150, 1315, 4777, 6800
***Plumbago zeylanica***
ethnobotany 2034
medicinal plants 2034
***Plumeria obtusa***
foliage 7845
medicinal plants 7845
terpenoids 7845
***Plumeria rubra***
wood anatomy 309
wood chemistry 309
**Plus trees** 1027, 3842-3843, 6146
**Pneumatophores** 2367
***Podisus chilensis*** 1675
***Podisus maculiventris*** 3080
**Podocarpineae,** seedlings 1478
***Podocarpus***
chemotaxonomy 1546
plant composition 1546
taxonomy 1546
***Podocarpus acutifolius***
plant morphology 6395
seedlings 6395
shoots 6395
taxonomy 6395
***Podocarpus acutifolius* × *P. nivalis***
anthocyanins 2918
chemotaxonomy 2918
cones 2918
***Podocarpus amarus,*** seedlings 1477
***Podocarpus cumingii***
canopy 547
forest influences 547
precipitation 547
***Podocarpus falcatus***
pollen 6440
pollination 6440
wood anatomy 330
***Podocarpus hallii***
plant morphology 6395
seedlings 6395
shoots 6395
taxonomy 6395
vegetation types 5840
***Podocarpus henkelii***
embryology 2205
seed germination 2205, 4091
***Podocarpus latifolius***
electrical phenomena in trees 5794
increment 5794
***Podocarpus macrophyllus***
foliage 7833
waxes 7833
***Podocarpus milanjianus***
improvement planting 4071
seed germination 6741
seed treatment 6741
species trials 4071
***Podocarpus neriifolia,*** ethnobotany 2016
***Podocarpus nivalis***
anthocyanins 2918
chemotaxonomy 2918
cones 2918
plant morphology 6395
seedlings 6395
shoots 6395
taxonomy 6395
***Podocarpus nubigenus,*** wood anatomy 7812
***Podocarpus salignus***
seed production 6435
wood anatomy 7813
***Podocarpus spicatus,*** palaeoecology 402
***Podocarpus stupii***
canopy 547
forest influences 547
precipitation 547
***Podocarpus taxifolia***
foliage 1546
plant composition 1546
***Podocarpus totara***
anthocyanins 2918
chemotaxonomy 2918
cones 2918
opossums 5344
plant morphology 6395
plantations 4809
seedlings 6395
shoots 6395
silviculture 4809
taxonomy 6395

***Podocarpus usambarensis***
improvement planting 4071
species trials 4071
***Podocarpus wallichianus,*** ethnobotany 2016
**Poisoning of animal pests** 5364, 8108
**Poisonous plants** 3155-3157, 3929-3931, 6268, 7020, 7176, 7838, 8161
**Poland**
*Abies alba* 3069
*Abies grandis* 7461
air pollution 4289, 4571, 4971, 6689, 6957-6959, 7629, 7741-7744, 7746-7748
*Aradus cinnamomeus* 8028
artificial regeneration 6794
*Betula oycoviensis* 2354
*Betula pendula* × *B. szaferi* 2354
*Betula pubescens* 6861
*Betula szaferi* 936
birds 8104
Byrrhidae 8021
choice of species 6715
climate 7671
Coleoptera 8056
conferences 7398
deforestation 4289
dendrochronology 4571
dieback 6957, 7398, 7900
economics 6902
*Empetrum nigrum* 8169
*Fagus sylvatica* 6820
flora 2279
forest administration 6905
forest inventories 7654-7655
forest management 3547, 6675, 6877
forest recreation 7357
forest resources 6689, 6902
forestry 3547, 7426
fruit 6264
galls 6530
growth models 2728
history 1842, 7426
Ichneumonidae 8022
increment 7414, 7625-7626, 7629, 7747
insect pests 6530, 7183, 7268
insecticides 7269
*Larix decidua* 2807, 7466, 7479
*Lymantria monacha* 2464
*Megastigmus pictus* 7266
*Megastigmus suspectus* 3069
mixtures 2988
national parks 7355
natural regeneration 2320, 7900
nature conservation 7355, 8169
*Picea abies* 2623, 2790, 2833, 2864, 2988, 6957, 7625-7626
*Pinus mugo* 1016-1017
*Pinus sylvestris* 7414, 7465
plant nutrition 4075
plant succession 2320
planting season 6793
polluted soils 6777
*Populus* 6715
protection of forests 3547
provenance 2623, 4075, 7461, 7465-7466
*Quercus* 6530
*Quercus robur* 4571
remote sensing 6959
research 1842, 6700
*Resseliella piceae* 3069
*Resseliella skuhravyorum* 7266
roads 2749
roots 7810
*Salix* 5587-5588
seed sources 2623
shelterbelts 2859
silvicultural conversion 2988, 6781, 6861
site preparation 6777
skidding 2699
soil 1842
soil chemistry 2864
soil pH 2807
soil structure 2807
soil types 2807
spraying equipment 4509
stand characteristics 2987-2988
standards 1150
street trees 4157
**Poland** *cont.*
*Strobilomyia laricicola* 7266
synecology 2279
*Taxus baccata* 6749
temperature 7671
*Tilia cordata* 8022
*Trypodendron lineatum* 3122
urban forestry 4157
vegetation types 2287, 3007, 6465
volume determination 7608
watersheds 1698
weed control 5587-5588
**Policy** (*see* Forest policy; Forestry development)
***Polistes buyssoni*** 1675
***Pollaccia borealis*** 4442
**Pollarding** 1139
**Pollen**
allergens 1554, 5074
analysis 587, 973, 2999, 5825, 7928
Denmark 974, 978
Europe 3001
Finland 6461
France 7081
German Federal Republic 977, 4384
Iran 972
Irish Republic 975
Israel 5173
Italy 966
Japan 401, 951
Netherlands 4383
New Zealand 402-403, 2992
North America 970, 2996, 3001, 4380
Panama 5174
Switzerland 976
UK 2995, 3000, 5166-5167, 5838-5839
USA 5169
Iowa 5170
Michigan 6463
Oregon 5171
Washington 4378
Wisconsin 967, 6463
anatomy 335, 3680, 3838, 7004
chemistry 2917, 5077, 6354, 6367
cytology 1486, 3680, 6444, 7885
damage 3642
development 335, 930, 1431, 1486, 3680, 6444, 7740, 7885
germination 269, 375, 836, 1431, 2917, 4358, 5123, 6322
methodology 1024
morphology 893, 2222, 2273, 2879, 3642, 5155, 6998, 7074, 7917
physiology 911, 5123
plant physiology 7045
production 1024, 3767, 4359
simulation 1836
spread 1836, 2206, 4364, 4378, 5130, 5825, 6354, 6367, 6440
storage 2342, 4358, 6322, 6489, 7968
viability 930, 1024, 1431, 2342, 3642, 4358, 5125, 5819, 6322, 7740
**Pollination**
cross pollination 375, 2329, 4362, 5122, 5131, 5140
fertilization 375, 933-934, 2263, 3367, 4419, 5133, 6442, 7119, 7479, 7908
insects 1579, 2969, 3767, 5125, 5137, 5820, 6374, 6436-6437, 6442, 7911
open pollination 5131, 5819
self pollination 375, 439, 2329, 5122, 5131, 5140, 7902
techniques 445, 3367, 4102
vertebrates 2353, 5820, 6437, 7910
wind 4362, 6440
**Pollution**
books 3
Costa Rica 5382
German Federal Republic 7178
industrial wastes 3623
insects 2262
oil spills 3615
reviews 5382
Sweden 834
USA, Tennessee 3616
vehicles 816, 834, 1431, 2158, 4287
**Pollution** *cont.*
wind 2262
woody plants 3134
***Polyalthia lateriflora,*** vegetation types 2483
***Polyalthia littoralis***
flowering 7902
pollination 7902
reproductive behaviour 7902
***Polyalthia longifolia***
bark 2208
medicinal plants 2208
***Polyalthia sumatrana,*** vegetation types 2483
***Polychrosis cunninghamiacola*** 3098
***Polygraphus convexifrons*** 3120
**Polynesia**
agroforestry 3991
deforestation 3991
***Polyphylla fullo*** 8057
**Polyploidy** (*see* Chromosomes; Genetics, ploidy; Tree breeding, ploidy)
***Polyporus abietinus*** (*see Trichaptum abietinum)*
***Polyporus hispidus*** (*see Inonotus hispidus)*
***Polyporus versicolor*** (*see Coriolus versicolor)*
***Polyscias kikuyuensis***
seed germination 6741
seed treatment 6741
***Polyscias nodosa***
choice of species 3352
match manufacture 3352
silviculture 3352
spacing 3352
***Polystictus versicolor*** (*see Coriolus versicolor)*
***Pometia pinnata,*** seedlings 3785
***Pongamia pinnata***
alkaline soils 5781
foliage 1532
frost resistance 7676
galls 1532
insect pests, *Dysdercus* 8030
irrigation 612
medicinal plants 1532
nurseries 8030
plant composition 1532
root systems 5781
saline soils 5781
seed germination 1904
soil chemistry 241
species trials 6132
***Pontania*** 5325
***Pontania pacifica*** 5957, 6573
***Pontania proxima*** 3066, 7241
***Ponticulothrips diospyrosi*** 3892
***Popilla japonica*** 7275
***Populus***
agroforestry 4546
air pollution 4971, 6949
arboreta 5241
arid regions 4170
artificial regeneration 5725
bacterial diseases 2613, 3878, 4447, 7148, 7983
bark 2779
biomass 7469
botany 2872
bottomland forests 3593
branches 4248
canopy 4235
cell walls 6999
chemotaxonomy 2946
choice of species 4169, 6718
clones 1862, 5241, 7148, 7565, 7802
conferences 3273
control 3445
crown 2872, 7802
deer 5340
diameter 3494, 5638
dieback 5103
economics 4892
flooding 5725
forest litter 4925
form factors 179
fungal diseases
*Botryosphaeria* 2393
*Chondrostereum* 3877
*Cryptodiaporthe* 7148, 8001
*Drepanopeziza* 7148, 8001

***Populus*** *cont.*
fungal diseases *cont.*
*Melampsora* 1645, 2613, 7148
*Mycosphaerella* 1620, 3873, 5285
galls 4447
genetic engineering 5858, 7120, 7982
genetic resources 4420
genetics 7984
German Federal Republic 2613, 2697, 6718, 7472
height 5638
herbicides 1273
history 2697
hybrids 4420
increment 7564, 7984
insect pests
*Anoplophora* 4491
*Bhima* 4477
*Chrysomela* 5300
*Hegesidemus* 4466
*Hyphantria* 5313
*Janus* 5300
*Lymantria* 7259
*Paranthrene* 3898, 4481
*Parasa* 4477
*Phyllocnistis* 3096
*Pristiphora* 4477
*Quadraspidiotus* 7270
*Sesia* 5300
*Trabala* 4477
intensive silviculture 2662, 7469, 7530
leaf area index 7802
light 7802
linear plantations 7564
mined land 7312
natural regeneration 5725
Netherlands 2594, 2617
nurseries 1273, 1645, 5300
palaeoecology 2999
photosynthesis 7802
plant composition 2946, 4491
plant disorders 7565, 8001
plant physiology 7984
plant water relations 3593
planting stock 7148
Poland 6715
progeny testing 1620
provenance 151
pruning 6827
reclamation 1713, 4535, 7312
respiration 6949
reviews 7984
roadside plantations 2617
shelterbelts 7259
silvicultural characters 2872
silviculture 2697, 4169-4170, 5725
site types 4931
soil types 2617, 3592-3593
spacing 7564-7565, 8001
species trials 2612
squirrels 5349
stand characteristics 7563
stem form 7564
stumps 3494
thinning 7563
tissue culture 1917, 7982-7983
tree breeding 151, 2613, 2697, 2779, 4420, 7983
volume tables 179, 7564
yeasts 7124
***Populus*** **'255/63(19)'** 7983
***Populus*** **'741'**, shoot cuttings 5549
***Populus adenopoda,*** taxonomy 2271
***Populus*** **'Ahle'**, German Federal Republic 2671
***Populus alba***
biomass 2055
foliage 2884
fungal diseases, *Septoria* 2399
Hungary 7793
insect pests, *Gypsonoma* 3088
reproductive behaviour 933
sap flow 4621
taxonomy 2271
***Populus alba*** × ***P.*** **'Crandon'**, cell culture 3376
***Populus alba*** × ***P. glandulosa***
control 4146
fodder 2709
foliage 2709
genetics 1029
***Populus alba*** × ***P. glandulosa*** *cont.*
insect pests, *Saperda* 3914
salt tolerance 1029
shoots 2709
tissue culture 1242, 7509
tree breeding 7965
***Populus alba*** × ***P. grandidentata,*** genetic engineering 7981
***Populus*** **'Androscoggin'**
choice of species 6715
fuel plantations 2604
German Federal Republic 2604
increment 7563
shelterbelts 2755
spacing 7563
volume determination 2755
wood anatomy 3653
wood density 3653
wood properties 3647, 3653
***Populus angustifolia***
genetics 2356
hybrids 2356, 7189
insect pests
*Chrysomela* 5933
*Pemphigus* 5933, 7189
natural regeneration 4404
stand characteristics 4391
synecology 4391
***Populus angustifolia*** × ***P. fremontii***
genetics 2356
insect pests, *Pemphigus* 7189
***Populus*** **'Astria'**, German Federal Republic 2671, 7472
***Populus*** **'Baden 431'**
plant composition 1935
shoot cuttings 1935
tree breeding 1935
***Populus balsamifera***
bark 7043
browsing damage 1091
buds 2238
dormancy 3746
fibres 7043
fungal diseases, *Ceratocystis* 1641
genetics 1031-1032
heavy metals 5687
insect pests, *Cryptorhynchus* 3848
natural regeneration 4770
photosynthesis 6418, 7046
plant composition 2238, 3746
plant succession 1091
prostaglandins 2230
remote sensing 5687
resistance 3848
wood chemistry 7043
wood density 7043
zeaxanthin 7046
***Populus balsamifera*** × ***P. trichocarpa,*** fertilizers 3395
***Populus balsamifera*** × ***P. tristis,*** weed control 5585
***Populus*** **'Barn'**
increment 7563
spacing 7563
***Populus*** **'Beaupré'**
foliage 889, 7026
glycosides 7026
***Populus*** **'Blome de Garonne'**
enzymes 2398
fungal diseases, *Drepanopeziza* 2398
***Populus*** **'Brabantica'** 7983
German Federal Republic 2612
***Populus*** **'Brooks No. 6'**, reclamation 5379
***Populus*** **'Brühl'**, choice of species 6715
***Populus cana,*** taxonomy 379
***Populus canadensis***
air pollution 5739
altitude 2252
clones 2358
cytology 4346
dormancy 4346
energy relations 2252
foliage 889, 5739
fungal diseases, *Melampsora* 6517
genetics 2358
German Federal Republic 2612
growth models 4863
insect pests
*Cryptorhynchus* 3848
*Phytobia* 3131
irrigation 4143
***Populus canadensis*** *cont.*
Oligochaeta 3135
plant water relations 6365
resistance 3848
transpiration 2252
tree breeding 4420
weed control 5585
***Populus canescens***
Hungary 7793
Netherlands 2617
rootstocks 7565
***Populus canescens*** × ***P. tremula,*** frost injury 2779
***Populus*** **'Charkowiensis'** × ***P. trichocarpa,*** air pollution 271
***Populus ciliata***
fungal diseases, *Septoria* 2399
nurseries 4761
seed germination 6143
seed treatment 6143
shoot cuttings 4761
vegetative propagation 2637
volume determination 7617
volume tables 7617
***Populus*** **'Columbia River'** 7983
foliage 889
***Populus*** **'Crandon'**
herbicides 2355
tree breeding 2355
***Populus*** **'D-01'**
biomass 6244
silviculture 6244
spacing 6244
***Populus*** **'D-121'**
genetics 3846
irrigation 1994
***Populus deltoides***
agroforestry 1736, 3966, 6051
air pollution 2843
biochemistry 5800
birds 1088
buds 5550
chemotaxonomy 7918
chromosomes 2338
clones 2422, 3847
cytology 5027
flavonoids 7918
foliage 5007
forest influences 3966
forest litter 3966
fungal diseases 4425
*Melampsora* 2396, 8016
genetics 1921, 2343, 3385, 3846, 4405, 7503
ground vegetation 3802
growth regulators 3385, 7503
increment 5645
India 1771
insect pests
*Chaitophorus* 1654
*Cryptorhynchus* 3848
*Lymantria* 5940
*Phytobia* 3131
*Prionoxystus* 3902
intensive silviculture 4766
irrigation 4143
match manufacture 1771
mortality 5611
mycorrhizas 1046
nucleic acids 4405
ozone 6960
phenolic compounds 5940
phenology 5007
phloem 5084
photosynthesis 5800
plant composition 2338, 2422, 5027
plant nutrition 2124
plant physiology 5800
plant succession 2314
plant water relations 5084
planting stock 5550
resistance 3848
root nodules 2124
shoot cuttings 5550
silviculture 1771
soil types 5611
symbiosis 2124
synecology 3802
tissue culture 7503
translocation 5084
vegetative propagation 1921, 3385

***Populus deltoides*** *cont.*
weed control 5645
wounds 2343
***Populus deltoides* × *P. tremula***, tissue culture 445
***Populus deltoides* × *P. trichocarpa***
biomass 6244
buds 5550
insect pests
*Phyllocnistis* 2422
*Phytobia* 3131
planting stock 5550
shoot cuttings 5550
silviculture 6244
spacing 6244
***Populus* 'Dorskamp'**
grafting 7565
increment 7563
spacing 7563, 7565
stem form 7565
***Populus* 'Drömling'**, German Federal Republic 2612
***Populus* 'Eucalyptus'**, air pollution 271
***Populus eugenei***
clones 2422
insect pests, *Phyllocnistis* 2422
photosynthesis 1571
plant composition 2422
planting stock 1991
site preparation 1991
transpiration 1571
***Populus euphratica***
foliage 8034
insect pests, *Gypsonoma* 8034
riparian forests 3011
***Populus euramericana*** (*see Populus canadensis*)
***Populus* 'Flachslanden'**, German Federal Republic 2612
***Populus* 'Flevo'**, air pollution 6358
***Populus* 'Forndorf'** 7983
***Populus fremontii***
flavonoids 2241
genetics 2356
hybrids 2356, 7189
insect pests, *Pemphigus* 7189
***Populus* 'Fritzi-Pauley'**, choice of species 6715
***Populus* 'Gelrica'**
German Federal Republic 2612
spacing 7565
***Populus generosa***, roots 5039
***Populus* 'Geneva'**
increment 7563
spacing 7563
***Populus* 'Ghoy'**, plant water relations 6340
***Populus glandulosa* × *P. maximowiczii***, tissue culture 445
***Populus grandidentata***
conferences 6674
control 1999
cycling 4948, 5752
dead trees 4948
frost injury 2779
increment 5658
insect pests
*Bellamira* 2432
*Lymantria* 6544
leaf area index 5783
natural regeneration 1010, 3532
plant composition 344
sex 5658
stand characteristics 1010
stemflow 4948, 5752
tannins 6544
thinning 3532
throughfall 5752
***Populus grandidentata* × *P. tremula***, frost injury 2779
***Populus* 'Holsatia'**, German Federal Republic 3038
***Populus hopeiensis***
growth regulators 4103
shoot cuttings 4103
taxonomy 2271
***Populus* 'I-214'**
biomass 5520
enzymes 2398
fertilizers 1946
fungal diseases
*Cryptodiaporthe* 3886
***Populus* 'I-214'** *cont.*
fungal diseases *cont.*
*Drepanopeziza* 2398
insect pests, *Hegesidemus* 4466
irrigation 1993
mortality 4273
plant water relations 4273
rotations 5520
sewage 1946, 1993
site types 4931
spacing 1356
Turkey 1356
yield tables 1356
***Populus* 'I-262'**
plant composition 1935
shoot cuttings 1935
tree breeding 1935
***Populus* 'I-45'**, insect pests, *Hegesidemus* 4466
***Populus* 'I-45/51'**, growth models 4863
***Populus* 'I-63'**
enzymes 2398
fungal diseases, *Drepanopeziza* 2398
***Populus* 'I-69'**
enzymes 2398
fungal diseases, *Drepanopeziza* 2398
insect pests, *Hegesidemus* 4466
***Populus* 'I-69' × *P. nigra***
clones 3037
genetic gain 3037
inheritance 3037
progeny testing 3839
***Populus* 'I-69' × *P. simonii***
clones 3037
genetic gain 3037
inheritance 3037
progeny testing 3839
***Populus* 'I-72'**
enzymes 2398
fungal diseases, *Drepanopeziza* 2398
insect pests, *Hegesidemus* 4466
***Populus intramongolica***, taxonomy 379
***Populus jackii***
plant composition 1935
shoot cuttings 1935
tree breeding 1935
***Populus* 'Kamabuchi'**, air pollution 271
***Populus koreana* × *P. nigra* var. *italica***
competition 97
genetics 1029
nurseries 97
salt tolerance 1029
shoot cuttings 74
***Populus* 'Kreuzung'**
wood anatomy 3653
wood density 3653
wood properties 3653
***Populus lasiocarpa***
buds 2929
phenolic compounds 2929
***Populus* 'Löns'**, German Federal Republic 2612
***Populus* 'Lux'**
biomass 5520
foliage 2210
mortality 4273, 5520
plant water relations 4273
rotations 5520
***Populus* 'Max 5'**
fuel plantations 2604
German Federal Republic 2604
***Populus maximowiczii***
acid rain 272
flavonoids 2241
gas exchange 5098
nutrient deficiencies 5098
photosynthesis 5098
tissue culture 639
transpiration 5098
***Populus maximowiczii* × *P. nigra***
air pollution 271
competition 97
decay 444
discoloration 444
genetics 1029
inheritance 444
nurseries 97
salt tolerance 1029
wounds 444
***Populus maximowiczii* × *P. trichocarpa***, weed control 5585
***Populus monilifera*** (*see Populus deltoides*)
***Populus* 'Muhle-Larsen'**
fuel plantations 2604
German Federal Republic 2604
wood properties 3647
***Populus* 'NE-19'**
planting stock 1991
site preparation 1991
***Populus* 'NE-367'**
biomass 5520
rotations 5520
***Populus* 'NE-388'**
biomass 6206
coppice 6206
fertilizers 6206
irrigation 6206
***Populus* 'NE-42'**, choice of species 6715
***Populus* 'Neupotz'**, German Federal Republic 2612
***Populus nigra***
buds 2943
caffeic acid 2943
chemotaxonomy 7918
clones 2357
dieback 5103
distribution 3800
ferulic acid 2943
flavonoids 7918
foliage 889, 3276
forest litter 1406
fungal diseases
*Septoria* 2399
*Venturia* 4444
genetics 2357
mistletoes 4454
pigments 3276
plant composition 3276
plant nutrition 4454
reproductive behaviour 933
UK 3800
***Populus nigra* × *P. simonii***, fungal diseases, *Valsa* 5897
***Populus nigra* var. *italica***
buds 2943
caffeic acid 2943
ferulic acid 2943
foliage 889
insect pests, *Gypsonoma* 3088
***Populus* 'Northwest'**, reclamation 5379
***Populus* 'OP-29'**, air pollution 271
***Populus* 'Opera'**
mortality 4273
plant water relations 4273
***Populus* 'Oxford'**
increment 7563
spacing 7563
wood properties 3647
***Populus* 'P$_{15}$A'**
enzymes 2398
fungal diseases, *Drepanopeziza* 2398
***Populus platyphylla***, taxonomy 379
***Populus* 'PMC 471'**, weed control 6803
***Populus* 'Popularis'**
mortality 4273
plant water relations 4273
***Populus pseudosimonii***
China, Nei Menggu 4870
forest management 4870
mixtures 4870
taxonomy 379
***Populus pyramidalis*** (*see Populus nigra*)
***Populus quiondaoensis***, synecology 999
***Populus* 'Rap'**
fuel plantations 2604
German Federal Republic 2604
increment 7563
spacing 7563
***Populus* 'Rap 1658'**
biomass 5520
rotations 5520
***Populus* 'Regenerata Aube'**
plant composition 1935
shoot cuttings 1935
tree breeding 1935
***Populus* 'Robusta'**
foliage 889
increment 7563
irrigation 1993
Netherlands 2617
sewage 1993
shelterbelts 2755

***Populus* 'Robusta'** *cont.*
spacing 7563, 7565
volume determination 2755
***Populus* 'Sacrau 79'**
fertilizers 4747
mortality 4273
plant water relations 4273
***Populus* 'San Martino'**, foliage 2210
***Populus* 'Scott Pauley'**, wood properties 3647
***Populus serrata***, taxonomy 2271
***Populus simonii***
China, Nei Menggu 4870
forest management 4870
mixtures 4870
taxonomy 379
***Populus tacamahaca*** (*see Populus balsamifera)*
***Populus* 'Tapiau'**, frost injury 2779
***Populus* 'Tasman'**, weed control 6803
***Populus thevestina*** (*see Populus nigra)*
***Populus tomentosa***
foliage 7767
natural regeneration 5020
plant physiology 6761
roots 5020
shoot cuttings 6761
spacing 4753
suckering 5020
sulfur dioxide 7767
***Populus tremula***
artificial regeneration 1312
biomass 2, 7459
browse 7815
bud culture 4096
canopy 2
clones 2671
coppice 7815
diameter 5638
economics 151
enzymes 2960
fodder 7815, 7850
foliage 7850
forest ecology 6508
forest influences 7779
forest litter 6923
forest management 6617
frost injury 2779
fungal diseases, *Phellinus* 7116
genetics 7116
German Democratic Republic 1212, 1312
German Federal Republic 2671
height 5638
humus 4921
Hungary 7793
IAA 2960
insect pests
*Gypsonoma* 3088
*Paranthrene* 3898
*Phytobia* 3131
light 3572
mine spoil 6617
mycoplasmal diseases 6521
mycorrhizas 6508
nurseries 1312
phloem 6521
plant composition 7850
planting stock 2671
pruning 7815
shoot cuttings 2960, 4096
silvicultural conversion 3233, 6826
silviculture 1312
spacing 7569
stem form 2
taxonomy 2271
tissue culture 2671, 4093, 4101, 7506
tree breeding 1212
underplanting 4163
underwood 6599
vegetative propagation 1312
yield forecasting 544
***Populus tremula* × *P. tremuloides***
frost injury 2779
progeny testing 3038
tree breeding 151
weed control 5585
***Populus tremuloides***
age of trees 5479
air pollution 1423, 1432
assortments 4855
***Populus tremuloides*** *cont.*
bacterial diseases 5575
birds 5998
browsing damage 1091, 3940
Canada, Quebec 4855
clear felling 5998
clones 1423, 5893
competition 1687
conferences 6674
control 1996, 1999
controlled burning 7284
cycling 4948, 5752
dead trees 4948
decay 4979
diameter 3494
foliage 2954, 3497, 5911, 6414
forest ecology 5911
forest management 3538
frost injury 2779
fungal diseases 5575
*Ceratocystis* 1641
*Cryptosphaera* 3851
*Hypoxylon* 486, 3851, 3871-3872, 5893
*Melampsora* 2396
*Pollaccia* 4442
*Valsa* 3851
genetics 3871-3872, 4405
grazing 7284
increment 749, 4855
indicator plants 1432
insect pests 5575
*Choristoneura* 8045
*Lymantria* 6544
*Pachypappa* 5305
lignin 3739
mixtures 5573
natural regeneration 671, 1010, 3532, 4770, 4979, 5572-5575
nucleic acids 4405
nutrient uptake 2131
phenolic compounds 3940
plant composition 344, 5911, 6414, 8045
plant physiology 2954
plant succession 1091, 6480
plant water relations 4936
prices 4855
rangelands 7284
reviews 3538
seed collection 6142
seed germination 6142
site preparation 6800
soil chemistry 3586
stand characteristics 671, 1010, 5841
stemflow 4948, 5752
stumps 3494
suckering 5575
synecology 957, 5185
tannins 6544
thinning 3532
throughfall 5752
tissue culture 3871-3872, 4101
underwood 1603
vegetation types 5849
water stress 3871
wildlife 1093, 1697
wounds 4979
yield forecasting 749
***Populus* 'Trichobel'**, foliage 889
***Populus trichocarpa***
biomass 3340, 4209
buds 5550
clones 2422
diameter 3494
drought resistance 2817
frost resistance 3340
German Federal Republic 1297
Iceland 1209
increment 3340
insect pests
*Phyllocnistis* 2422
*Phytobia* 3131
intensive silviculture 3340
light 4209
mud flows 5222
phenology 1458
plant composition 2422
plant succession 5222
plant water relations 2817
planting stock 5550
***Populus trichocarpa*** *cont.*
shoot cuttings 5550
spacing 7565
stand characteristics 3340
stumps 3494
wildlife 1093
***Populus* 'Tristis No. 1'**, reclamation 5379
***Populus* 'Unal'**, foliage 889
***Populus undulata***, taxonomy 2271
***Populus* 'Wettstein'**, air pollution 271
***Porcinolus murinus*** 8021
***Poria weirii*** (*see Phellinus weirii)*
***Porotermes adamsoni*** 5301
***Porthetes*** 7911
***Porthetria dispar*** (*see Lymantria dispar)*
**Portugal**
agroforestry 2532, 5380
air pollution 3623
biomass 4128
controlled burning 2532
*Eucalyptus* 2662
*Eucalyptus globulus* 4128, 4303, 4777
forest management 4538
grazing 8093
land use 4538, 5380
*Pinus pinaster* 4191
ploughing 4777
rangelands 8093
savanna woodlands 8093
site preparation 4777
synecology 8093
vegetation types 5380
***Potebniamyces coniferarum*** 5814
***Poulsenia armata***
coppice 5578
light 2777
***Pourouma napoensis***, taxonomy 5152
***Pouteria***, wood anatomy 996
***Pouteria domingensis***, increment 7621
***Pouteria obovata***, vegetation types 6471
**Powder-post beetles** (*see* Wood borers)
**Power lines** 5807
***Pragmopycnis*** 2363
***Pratylenchus*** 8072
**Precipitation** 2135, 7674
canopy 547, 775, 1103, 2089, 2132, 2179-2180, 2490, 2847, 3573, 4249, 4530, 4937, 6610-6611, 7293, 7297, 7302, 7735, 7784, 8110, 8115
chemistry 782, 2490, 2831, 3573, 6318, 6353, 6942
damage 5456
hydrology 547, 775, 1103, 1105, 2179-2180, 6610-6611, 7784
increment 4904, 7633
mathematics 8110
measurement 4249
methodology 6318
reviews 2491
simulation 775, 2491
***Premna bengalensis***, wood anatomy 3681
***Premna serratifolia***
fodder 1864
Nepal 1864
***Pria cinerascens*** 2262
**Prices**
Canada, Quebec 4855
German Democratic Republic 1383, 3564
Yugoslavia 6904
***Prionoxystus robiniae*** 3902, 4508
***Prioria copaifera***, artificial regeneration 6790
***Pristiphora*** 4477, 6532
***Pristiphora abietina*** 6582
***Pristiphora erichsonii*** 1075, 7244-7245
***Pristomerus vulnerator*** 3088
**Private forestry**
Australia 1821, 4053
books 1807
Canada, New Brunswick 4866
Dominican Republic 1183
economics 226, 556, 1385, 1807, 2530, 2775, 3299-3300, 4890
Finland 6110
German Federal Republic 44
India, Karnataka 556
Indonesia 1127
Japan 229, 1127, 3545
Malaysia 3300

**Private forestry** *cont.*
Netherlands 2775, 4243, 4890
Sabah 3299
Sweden 2530
Thailand 1127
UK 1149, 2572-2574, 4215
USA 1184, 1360, 1807, 3310, 4869, 5675, 6694
Alabama 6890
Arkansas 6890
Colorado 6885
Georgia 40, 1182
Louisiana 759, 6890
Minnesota 41, 1359, 1849
Mississippi 1385, 5504, 6890
Oklahoma 5671, 6890
Tennessee 6890
Texas 4872, 6890
**Progeny trials** (*see* Tree breeding, progeny testing)
**Propaganda** (*see* Public relations)
***Prosopis***
afforestation 5370
arid regions 4849
Chile 7796
foliage 3690
reclamation 1713
savannas 7083
taxonomy 3690
***Prosopis africana***
root nodules 5256
symbiosis 5256
***Prosopis alba***
agroforestry 6368
biomass 4849, 6368
forest influences 6368
increment 5660
plant nutrition 5660
soil fertility 5660
***Prosopis alba* × *P. glandulosa,*** biomass 4849
***Prosopis chilensis***
agroforestry 6368
biomass 6368
forest influences 6368
irrigation 3177
seed germination 4707
seed treatment 4707
shelterbelts 684
Somalia 3177
***Prosopis cineraria***
afforestation 8109
arid regions 5515
choice of species 5515
cytology 5480
dunes 1708, 8109
erosion control 8109
galls 4334
medicinal plants 4334
reclamation 8109
soil chemistry 1708
soil physics 1708
triacontanol 4334
***Prosopis glandulosa***
agroforestry 6368
arid regions 7734
biomass 6368
birds 4522
competition 6785
forest influences 2170, 6368
grazing 8096
hydrology 7734
natural regeneration 6785
nitrogen fixation 7734
photosynthesis 2248
plant water relations 2248, 6785, 7734
rangelands 7551-7552, 8096
root nodules 2810, 7994
salt tolerance 7734
soil bacteria 2170, 2810
soil fauna 7714
species trials 7464
symbiosis 7994
weed control 7551-7552, 7554
***Prosopis juliflora***
agroforestry 1751, 1769, 3210, 6028, 6055
alkaline soils 3956, 5516, 5781
aquaculture 5369
choice of species 5516
dunes 1708
***Prosopis juliflora*** *cont.*
earlywood 3646
fertilizers 1769, 3646
fodder 2908, 4181, 7880
foliage 7879
forest influences 6028
fruit 2908
green manures 6055
India, Uttar Pradesh 6005
irrigation 3646
mycorrhizas 5251
nutrient deficiencies 830
plant composition 2908, 7880
planting 1769
reclamation 2519, 6028
root systems 5781
saline soils 5516, 5781
seeds 2908
soil chemistry 1708, 6973
soil physics 1708
species trials 3210
wood chemistry 3646
wood density 3646
wood properties 3646
***Prosopis laevigata,*** species trials 7464
***Prosopis nigra***
agroforestry 3210
species trials 3210
***Prosopis pallida***
agroforestry 3210
botany 6986
nitrogen fixing trees 6986
silviculture 6986
species trials 3210
uses 6986
***Prosopis velutina,*** volume tables 6854
***Protea nitida***
photosynthesis 6941
plant water relations 6941
***Protea repens***
photosynthesis 6941
plant water relations 6941
**Proteaceae**
cyanogens 2897
evolution 2897
glycosides 2897
**Protection forests** 1709, 3163-3164, 3269, 3953, 4049, 5428, 6100, 6107, 6606, 8121, 8125
**Protection of forests** 1962, 3164, 3547, 4049, 6065, 6107, 8166
**Protective clothing** 4061
***Protium panamense,*** coppice 5578
**Protozoa** (*see also* Soil biology, protozoa)
**Provenance** 6486
*Abies* 2613
*Abies balsamea* 1203
*Abies cephalonica* 1616
*Abies equi-trojani* 1616
*Abies grandis* 4070, 7461
*Acacia mangium* 1861, 4072, 7462
*Acacia mearnsii* 4695
*Acacia melanoxylon* 4690
*Acacia nilotica* 1869
Africa 5532
*Agathis macrophylla* 4410
*Alnus cordata* 1216
*Alnus crispa* 3335
*Alnus formosana* 5518
*Alnus glutinosa* 4684
*Alnus nepalensis* 50
*Alnus rubra* 3335, 5518
*Alnus sinuata* 3335
*Araucaria cunninghamii* 2618
*Artocarpus integer* 3343
Australia 3328, 4695
Austria 6126
*Azadirachta indica* 2608
*Betula* 151, 2613, 6719
Brazil 616-619, 623, 2615-2616, 3330, 3336, 3840
*Calophyllum kajewskii* 4069
Canada
British Columbia 5230, 7806
New Brunswick 5523
Newfoundland 1201-1205
*Cananga odorata* 164
*Casuarina cunninghamiana* 3328, 5534
China 4077-4078, 4682, 4692, 5517
*Cinnamomum osmophloeum* 5054
Colombia 1206, 1856, 6130
**Provenance** *cont.*
*Cordia alliodora* 1214, 3843, 4066
Costa Rica 1861, 3845, 7462
Cuba 7460
*Cunninghamia lanceolata* 625, 5518
*Cupressus lusitanica* 6130
Czechoslovakia 2350, 3402, 4070, 7461
Denmark 1857
*Dipteryx alata* 616
*Eucalyptus* 617
*Eucalyptus amplifolia* 6780
*Eucalyptus brassiana* 3350
*Eucalyptus camaldulensis* 3330, 3350, 6128
*Eucalyptus citriodora* 3336
*Eucalyptus delegatensis* 61
*Eucalyptus grandis* 57, 618, 3840
*Eucalyptus gunnii* 6321
*Eucalyptus saligna* 57, 2784
*Eucalyptus tereticornis* 3330, 3350, 4691, 6128
*Eucalyptus umbra* 618
*Eucalyptus urophylla* 618, 3350
Europe 52
*Fagus sylvatica* 2350, 4075, 4688
Finland 2610
France 2578, 6321
German Democratic Republic 4079, 6709
German Federal Republic 2578, 2613, 6719
*Gliricidia sepium* 1871, 5876, 6151
*Gmelina arborea* 1206
Greece 1616
Hungary 5524, 5526
Iceland 1209
India 2608, 6743
Maharashtra 6710
Uttar Pradesh 1869
West Bengal 6128
Indonesia 6541
Israel 1860
Italy 624, 1216, 5156-5157
*Juglans* 3574
*Juglans nigra* 628, 6133
*Juniperus scopulorum* 5528
*Juniperus virginiana* 5528
Korea Republic 613-615
*Larix decidua* 52, 1858, 5523, 5525, 7466
*Larix eurolepis* 615
*Larix laricina* 5523
*Larix leptolepis* 52, 615, 5523
*Larix principis-rupprechtii* 4077
*Larix sibirica* 1209
*Larix sukaczewii* 1209
*Laurus nobilis* 5626
*Leucaena* 5975, 5977, 6539, 6541
*Leucaena collinsii* 6134
*Leucaena diversifolia* 53, 1856, 5536, 6136
*Leucaena leucocephala* 1856, 5536, 6134-6136, 6710
*Leucaena pallida* 6136
*Leucaena pulverulenta* 5536
*Libocedrus formosana* 5518
*Liquidambar styraciflua* 4067
Malawi 1871
Mexico 6134
*Mimosa scabrella* 2616
Nepal 50, 611, 5536
Netherlands 4688
Nigeria 6135
Norway 1215, 2578, 3335
*Peltophorum dubium* 2615
Philippines 3350
*Picea abies* 1209, 1857, 2623, 3402, 4685, 5526, 6126, 6709, 7804
*Picea engelmannii* 1209, 6709
*Picea glauca* 1205, 1209, 1868, 6709
*Picea mariana* 1202
*Picea omorika* 6709
*Picea pungens* 6709
*Picea rubens* 1204
*Picea sitchensis* 1201
*Pinus* 6152
*Pinus banksiana* 627
*Pinus caribaea* 619
*Pinus chiapensis* 6130
*Pinus contorta* 1211, 3052, 5282, 7806
*Pinus elliottii* 489

**Provenance** *cont.*
*Pinus halepensis* 1860, 5156
*Pinus lambertiana* 3830
*Pinus maximinoi* 5519
*Pinus monticola* 5230
*Pinus nigra* 627
*Pinus oocarpa* 623, 6130
*Pinus patula* 6130
*Pinus ponderosa* 626, 4416, 4497, 6711
*Pinus resinosa* 627
*Pinus strobus* 614, 4972
*Pinus sylvestris* 613, 627, 1215, 2610, 4074, 4076, 6494, 7465
*Pinus tabulaeformis* 4682
*Pinus taeda* 263, 489, 2165, 3329, 6130
Poland 2623, 7461, 7465-7466
*Populus* 151
*Pseudotsuga menziesii* 2578, 4079, 4164, 5529-5530
*Quercus ilex* 624
*Quercus robur* 4073, 5524
Solomon Islands 2618, 3342-3343, 4072
South Africa 5518-5519
Spain 2578
Sudan 1214, 4691
Sweden 151
Switzerland 1858
Taiwan 53, 5054, 5977
*Taiwania cryptomerioides* 5518
*Tectona grandis* 5240, 6743, 7460
*Thuja orientalis* 4692, 5517
*Triplochiton scleroxylon* 3342
Turkey 5530
UK 2578
*Ulmus davidiana* 5157
*Ulmus minor* 5157
*Ulmus parvifolia* 5157
*Ulmus pumila* 4078, 5157
USA 52, 626, 3329
California 5534
Hawaii 57, 5975, 6136-6137
Idaho 4416
Maine 1868
Nebraska 627, 5529
Oregon 3830
Vermont 628
Wisconsin 6133
Vanuatu 3354, 3843, 4066-4067, 4410
Yugoslavia 4684-4685
Zimbabwe 5532
***Prumnopitys ferruginea***
mortality 6783
natural regeneration 6783
plant morphology 6395
seedlings 6395
shoots 6395
silvicultural systems 6783
taxonomy 6395
***Prumnopitys taxifolia***
mortality 6783
natural regeneration 6783
plant morphology 6395
seedlings 6395
shoots 6395
silvicultural systems 6783
taxonomy 6395
**Pruning**
*Abies* 2019, 5096
*Acer* 5101-5102, 5429, 7370
*Betula* 6812
books 3251
*Cryptomeria* 6813
damage 155, 157, 4911
diseases 3869, 3888, 7162
economics 4175, 5609-5610, 6242, 6811
equipment 46, 48, 155, 157, 1316, 6827, 7584
*Erythrina* 3951
*Gliricidia* 6352
habit 160, 5008, 7560
history 4656
increment 1318, 6813, 7556
*Larix* 4798, 6812
machinery 4175
*Malus* 7370
*Morus* 6837
natural pruning 7465
pests 4511, 7560
**Pruning** *cont.*
*Picea* 4798
*Pinus* 149, 3869, 3888, 4798, 4911, 6362, 6810-6812, 7556, 7560
planning 1318, 3951, 7559
plant physiology 5096
*Platanus* 5101-5102, 5429, 7559
*Populus* 6827, 7815
pruning saws 7584
*Prunus* 7370, 7581
*Pseudotsuga* 4299, 4798, 5609, 6242
*Quercus* 2004, 5429
*Rhizophora* 5008
simulation 5609
slash 181, 2053, 4911, 6043-6044
tools 1309
*Tsuga* 4716
wood properties 4299, 5610, 6362, 6812
work study 6812, 6827
wounds 155, 1309, 3869, 5429
***Prunus***
insect pests, *Pulvinaria* 3082
Netherlands 6381
wood properties 7006
***Prunus africana***
improvement planting 4071
seed germination 6741
seed treatment 6741
species trials 4071
***Prunus americana***
irrigation 6614
shelterbelts 6614
***Prunus armeniaca,*** edible species 7600
***Prunus avium***
agroforestry 1753
bud culture 4096
clones 7494
competition 1753
crown 2966
dormancy 7482
enzymes 1936
ethylene 4722
flavonoids 7016
forest management 7581
fruit 7580
German Federal Republic 7577-7581
grafting 7494
growth regulators 1936, 4722
increment 6381, 7581
insect pests, Aphididae 8079
medicinal plants 7016
mixtures 7579-7580
Nematoda 5327
Netherlands 6381
nitrogen fixation 4279
phenology 1458
plant composition 6422
plant disorders 2966
plant physiology 6422
polyamines 4722
progeny testing 7494
pruning 7581
rendzinas 4279
rootstocks 7494
seed collection 7580
seed orchards 7494
seed treatment 7482
shoot cuttings 4096
silvicultural characters 4173, 6381, 7579
silviculture 4173, 4812, 6381, 7577-7581
soil chemistry 5710
soil pH 5710
tissue culture 1936, 6422, 7504
UK 4812
vegetative propagation 4722
***Prunus cerasifera***
dormancy 7480
ornamental woody plants 7370
planting stock 7370
pruning 7370
roots 1800
seed treatment 7480
street trees 1800
***Prunus cerasoides***
nurseries 120
planting stock 120
***Prunus cerasus***
flavanols 5790
***Prunus cerasus*** *cont.*
flavonoids 7016
medicinal plants 7016
Nematoda 5327
***Prunus fruticosa,*** seed treatment 2625
***Prunus grayana***
bark 7010
medicinal plants 7010
wood chemistry 7010
***Prunus laurocerasus***
deer 2470
dormancy 3749
insect pests, *Yponomeuta* 8035
seeds 3749
***Prunus maackii,*** seed treatment 2625
***Prunus mahaleb,*** rootstocks 7494
***Prunus padus***
insect pests, *Rhopalosiphum* 7190
Netherlands 6381
weed control 2688
***Prunus pensylvanica***
control 1999
fungal diseases, *Ceratocystis* 1641
seed germination 2628
seed treatment 2628
***Prunus persica***
medicinal plants 7837
wood chemistry 7837
***Prunus sargentii***
flavanols 5790
wood chemistry 264
***Prunus serotina***
afforestation 7517
agroforestry 1756, 5402
air pollution 2843
artificial regeneration 5244
control 6229
crown 5641
deer 1089
fertilizers 5244
flowering 7803
forest ecology 5911
forest influences 5402
fruiting 7803
increment 3341, 5244
insect pests, *Podisus* 3080
natural regeneration 1089, 1965, 6779
Netherlands 6381
NPK fertilizers 7517
nurseries 4094
optical properties 3277
plant succession 6480
planting stock 4088
seed dispersal 4357
seeds 4088
silviculture 4088
stand characteristics 3341
tissue culture 4094
variation 5244
***Prunus spinosa***
defoliation 2561
fruit 6264
nurseries 2561
planting stock 4088
seeds 4088
silviculture 4088
***Prunus subhirtella,*** flavanols 5790
***Prunus triloba***
shoot cuttings 7373
tissue culture 7373
***Prunus virginiana***
control 1999
flowering 7803
fruiting 7803
fungal diseases, *Ceratocystis* 1641
insect pests, *Malacosoma* 7275
***Pseudacanthotermes militaris*** 8077
***Pseudalopex*** 7291
***Pseudaulacaspis pentagona*** 3081
***Pseudobombax munguba,*** vegetation types 996
***Pseudocheirus peregrinus*** 5352
***Pseudolarix,*** distribution 3799
***Pseudolmedia oxyphyllaria,*** light 2777
***Pseudolmedia spuria,*** wood anatomy 888
***Pseudomonas*** 3862, 4429
***Pseudomonas solanacearum*** 3863, 5902-5903
***Pseudomonas syringae*** 2400, 3878, 7166
***Pseudopanax crassifolius***
growth regulators 3753, 7883

***Pseudopanax crassifolius*** *cont.*
juvenility 7883
***Pseudosasa amabilis,*** chromosomes 2345
***Pseudosasa purpurascens,*** light 4300
***Pseudotsuga***
chromosomes 2578
distribution 3799
nurseries 7998
***Pseudotsuga caesia*** *(see Pseudotsuga menziesii)*
***Pseudotsuga flahaultii*** *(see Pseudotsuga menziesii)*
***Pseudotsuga glauca*** *(see Pseudotsuga menziesii)*
***Pseudotsuga menziesii***
acid rain 3641
acid soils 6344
air pollution 2155, 2845
allelopathy 2382, 7102
arboreta 3337
bark 3709, 3718, 7862
biomass 731, 743
browsing damage 1979, 2677
buds 1485
calcareous soils 7681
cell culture 5547
Christmas trees 4445, 5854
chromosomes 2578
clones 6162
competition 2382, 3793, 3820, 5817
composts 1953
cones 3093
conferences 2578
controlled burning 2869, 4993-4994, 4997
cost analysis 7668
cycling 243, 5736
damping off 7998
deer 2677
defoliation 6090
dendrochronology 2564
diameter 3494
dieback 1840, 1938, 2841
direct sowing 1291, 7538
dormancy 3744
drought resistance 2788
early selection 7111
economics 4237, 7668
embryo culture 1246, 3386, 4735
essential oils 2941
evapotranspiration 6425
exotics 3337
ferns 7102
fertilizers 70, 94, 141, 245, 1938, 1944, 3391, 3400, 5609, 6181
fogs 3641
foliage 1944, 2815, 4248, 4445, 5287, 5854, 7053
forest influences 8118
forest litter 4928, 4997, 5713
forest recreation 7359
forest statistics 5667
frost injury 1393
frost resistance 1213, 5529
fungal diseases 472
*Alternaria* 7144
*Armillaria* 4432, 4437
*Botrytis* 1053, 3881
*Ceratocystis* 1635, 2440
*Fusarium* 1053, 2403, 2654, 3404, 6513
*Heterobasidion* 1633, 8005
*Macrophomina* 2654, 7996
*Mariannaea* 475
*Phaeocryptopus* 5854
*Phellinus* 7149
*Phoma* 1053
*Phomopsis* 1053, 3885
*Phytophthora* 4431
*Rhabdocline* 4445, 5287
*Trichoderma* 7149
gas exchange 6425
genetics 932, 3831, 4445
German Democratic Republic 6493
German Federal Republic 1719-1720, 5618, 6078, 7470
glycosides 3718
grafting 1244, 3382
green manures 3954
growing media 93
growth regulators 3678, 3744, 6162

***Pseudotsuga menziesii*** *cont.*
height 6848-6849
humus 7688
increment 1366, 1840, 2046, 2841, 3460, 3493, 3511-3512, 3517, 3528, 4164, 4635, 6218
information services 2578
insect pests 2011
*Barbara* 8084
Cecidomyiidae 2332
*Choristoneura* 1682, 2457, 3094, 3927, 5948, 6090, 6554, 6561, 6584, 7208, 8086
*Coleophora* 3092
*Contarinia* 5287, 8084
*Dendroctonus* 4487, 5948, 8087
*Dichelonyx* 8061
*Dioryctria* 8084
*Hylastes* 2440
*Hylobius* 1671, 2022, 2435, 7271
*Lacinipolia* 3093
*Leptoglossus* 3148
*Lygus* 2332
*Lymantria* 2460
*Megastigmus* 2332, 2442, 8084
*Orgyia* 2458
*Pissodes* 2440
*Steremnius* 2440
irrigation 2788, 4781
limonene 7053
logging 3820, 5736
microclimate 2788
mixtures 4126, 7570
mud flows 5222
mycorrhizas 1050, 2382, 2679, 3041, 3854, 4426, 5259
natural regeneration 2478, 3820, 4134, 5817
NPK fertilizers 3954
nurseries 94, 472, 1053, 1953, 2654, 3404, 3854, 3885, 4122, 6218, 6513
palaeoecology 4378-4379
phenology 1393, 5237
pinenes 7053
plant anatomy 1485
plant composition 1944
plant disorders 6344
plant nutrition 243, 812, 1421, 1953, 3641, 6344
plant physiology 1952
plant succession 4401, 5222, 6482
plant water relations 2815
planting 3439, 5259
planting stock 118, 1952, 1978-1979, 2650, 2679, 6218
pollen 4378, 7968
procyanidins 3709, 7862
progeny testing 6493
provenance 2578, 4079, 4164, 5529-5530
pruning 4299, 4798, 5609-5610, 6242
reaction wood 3678
remote sensing 3561
reproductive behaviour 932, 5237
roots 244-245, 810
sabinene 7053
sanitation fellings 2457
sap 1421
sap flow 4621
seed orchards 3373, 5237, 7977
seed treatment 2627
seedlings 1635, 1979, 2332, 2788
seeds 70, 2332, 3148, 7968, 7977
shoot cuttings 4098, 6162
silvicultural conversion 3528
silvicultural systems 731
silviculture 2578, 3466, 4164, 5618
site class assessment 2721, 3520, 4263, 6276
site preparation 3439
slash 4997
soil biology 3041
soil chemistry 243-245, 812, 1421, 1953, 2096
soil pH 7681
soil toxicity 244-245, 812
soil types 810
spacing 3460, 3534, 4159, 5612, 7569
species trials 3337

***Pseudotsuga menziesii*** *cont.*
stand characteristics 3534, 4156, 4159, 4378, 4401, 4635, 5606, 5612, 5842
stand tables 1340, 3561
stem form 924
stump removal 6965
stumps 3494
Switzerland 7681
synecology 3793, 4401, 5618
tannins 2815
thinning 141, 281, 731-732, 1633, 2046, 2457, 3391, 3493, 3534, 4156, 4297, 5602, 5606
tissue culture 1925, 4098
translocation 2845
tree breeding 2332, 2578, 3026, 4445, 5237, 7977
underwood 3021, 3820
variation 5854, 6491
vegetation types 5846
virgin forests 7092
volume determination 3507, 3561
volume tables 731-732, 3561
weed control 132, 1997, 4122
wildlife 2478
wood anatomy 3678
wood density 3026
wood properties 281, 4297, 4299
yield forecasting 1840, 3534
yield regulation 3493, 3534, 5606, 5667
yield tables 6871
***Pseudoxandra polyphleba,*** wood anatomy 996
***Pseudoxandra sclerocarya,*** plant composition 1508
***Pseuduvaria indochinensis***
alkaloids 2938
bark 2938
***Pseuduvaria macrophylla,*** plant composition 1517
***Psidium guajava***
insect pests, *Lohita* 5304
mine spoil 553
mined land 553
reclamation 553, 1713
**Psion Organizer II microcomputer** 4645
***Psychophagus omnivorus*** 5315
***Psychotria faxlucens,*** taxonomy 6453
***Psychotria izabalensis,*** taxonomy 6453
***Psychotria luteotuba,*** taxonomy 6453
***Psychotria megalantha,*** taxonomy 6453
***Psychotria simiarum,*** light 2777
***Psychotria sousae,*** taxonomy 6453
***Psychotria veracruzensis,*** taxonomy 6453
***Psydrax fragrantissima,*** taxonomy 6447
***Psydrax livida,*** taxonomy 6447
***Psydrax locuples,*** taxonomy 6447
***Psydrax obovata,*** taxonomy 6447
***Psylla oblonga*** 5912
***Psyllaephagus rotundifolius*** 6588
***Ptelea trifoliata***
alkaloids 4342
foliage 4342
roots 4342
***Pteleaecarpum,*** palaeobotany 6464
***Pterocallis alni*** 4463
***Pterocarpus antunesii,*** wood anatomy 330
***Pterocarpus erinaceus***
natural regeneration 3932
root nodules 5256
symbiosis 5256
***Pterocarpus indicus***
fuelwood 3331
Indonesia 3331
nurseries 4065
seed collection 4065
species trials 3331, 4065
***Pterocarpus macrocarpus***
insect pests 2418
seeds 2418
***Pterocarpus marsupium***
diameter 7611
flavonoids 6404
glycosides 6404, 7858
height 7611
pigments 7858
plant nutrition 2138
seedlings 2138
synecology 7094
veteran or remarkable trees 7611

***Pterocarpus marsupium*** *cont.*
wood chemistry 1534
***Pterocarpus santalinus,*** seed germination 1904
***Pterocarpus soyauxii,*** wood chemistry 1534
***Pterocarpus tessmannii***
distribution 980
maps 980
***Pterocarya rhoifolia,*** plant composition 1515
***Pterocarya stenoptera,*** soil compaction 6912
***Pterocymbium beccarii,*** fibres 7823
***Pterodon pubescens***
increment 3334
phenology 3672
plant water relations 3362
respiration 3362
seeds 3362
stem form 3334
***Pterogyne nitens,*** genetics 1038
***Pteroma plagiophleps*** 3062
***Pterygota alata***
support trees 2029
wood chemistry 4341
***Pthirusa maritima***
plant nutrition 6526
plant water relations 6526
***Ptilinopus magnificus*** 5351
***Ptilinopus regina*** 5351
***Ptilinopus superbus*** 5351
***Ptychosperma hentyi,*** taxonomy 7067
**Public relations** 603, 3959, 4217, 6103, 6106, 7458, 7471
***Puccinia psidii*** 3882
***Pucciniastrum americanum*** 3048
**Puerto Rico**
data processing 6882
forest inventories 5680, 6882
fuel plantations 1855
stemflow 4530
throughfall 4530
**Pulpwood production**
*Acacia* 6792
bamboos 6792
Developing Countries 7582
*Eucalyptus* 3654, 6792
*Hibiscus* 7582
silviculture 3654, 6807, 6809
*Styrax* 6792
Vietnam 6792
***Pulvinaria hydrangeae*** 3082
***Pulvinaria regalis*** 3082
***Punica granatum***
edible species 7600
irrigation 1265
nurseries 1265
reclamation 1713
salt tolerance 1265
***Pyemotes dryas*** 7229
***Pyracantha angustifolia,*** insect pests, *Popillia* 7275
**Pyralidae** 5949
***Pyrrhalta luteola*** 3926, 5324
***Pyrrhocoris apterus*** 3077
***Pyrus calleryana***
mineral oils 5334
ornamental woody plants 5334
***Pyrus communis,*** seeds 7968
***Pyrus pashia***
fruit 2244
plant composition 2244
plant succession 4709
seed germination 4709
water stress 4709
***Pythium*** 1634, 4429
***Pythium ultimum*** 478
***Qiongzhuea maculata,*** taxonomy 940
***Quadraspidiotus gigas*** 7270
***Qualea grandiflora,*** phenology 3672
***Qualea parviflora,*** phenology 3672
**Quality controls** 6707
**Quarantine** 3139, 4490
***Quararibea,*** taxonomy 5159
***Quararibea asterolepis***
coppice 5578
phenology 2119
plant morphology 2119
plant water relations 2119
***Quassia simarouba***
dendrochronology 7633
***Quassia simarouba*** *cont.*
growth rings 7633
increment 7633
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
silvicultural characters 7485
***Quercus***
agroforestry 5410, 8161
air pollution 6961
artificial regeneration 1286
assortments 4196, 7618
bibliographies 5458
biomass 5410, 6865
birds 2164
branches 5776
coppice 664, 6865
cycling 5730
decay 4769
deer 2471
deforestation 7330
dendrochronology 4572
diameter 5638
dieback 5262
direct sowing 6258
distribution 3789
economics 4889
erosion 7330
evapotranspiration 2487
flooding 2164
fodder 3478, 6268
forest ecology 1061
forest influences 3655, 4985
forest litter 2105, 3591
frost injury 3279
fruit 3478
fungal diseases 3279, 5262
*Microsphaera* 2076
glacial soils 4916
grazing 5410
habit 5776
heavy metals 3595
height 5638
increment 5648
insect pests
*Agrilus* 3116
*Archips* 7255
*Cyclophragma* 4480
*Cydia* 5938
Cynipidae 5958
*Cynips* 6571
*Diphyllaphis* 8032
*Euproctis* 7250, 7255
*Fentonia* 3138
Geometridae 7255
*Lampronadata* 3138
Lepidoptera 1069
*Lymantria* 2426, 2460, 3091, 4468, 4474, 5943, 6543, 7252, 7255, 8039, 8085
*Malacosoma* 8039
*Operophtera* 3141, 7206, 7255
*Phalera* 3138
*Prionoxystus* 3902
*Stenolechia* 5944
*Thaumetopoea* 7195
Tortricidae 7250
*Tortrix* 3141, 7202, 7250, 7255
landslides 1107
light 4899
logging 2314
mined land 7771
mycorrhizas 7133
natural regeneration 672, 1286, 4769, 6779, 7534
nurseries 4122
palaeoecology 2995, 5174
parasitic plants 7173
plant nutrition 2860
plant succession 6480
plant water relations 4916
poisonous plants 8161
pollen 5174
proteins 3478
rangelands 7950
reclamation 4535
runoff 2862
seed dispersal 3002
seeds 1085, 2471, 5540, 5938
selective felling 7783
***Quercus*** *cont.*
snow 4769
soil pollution 3595
soil texture 4916
soil water 4916
stand characteristics 4030, 7089, 7618
synecology 7950, 8070
tannins 5958
taxonomy 3789
thinning 4795
underwood 2310
urban forestry 5441
USA, California 5458
uses 6268
vegetation types 411, 7537
vessels 5262
voles 532
volume tables 728, 4196, 6854
weed control 2688, 4122
weight tables 728
wind 4769
wood defects 3279
wood smoke 6961
yield tables 4795
***Quercus acuta,*** stand characteristics 8101
***Quercus acutissima***
artificial regeneration 1977
bark 1541
control 3451
foliage 7040
height 3451
Korea Republic 191
plant composition 1541, 7040
seed production 1977, 7064
tissue culture 6171
water conservation 549
yield tables 191
***Quercus aegilops,*** synecology 7948
***Quercus agrifolia***
habit 3676
seed germination 1874
***Quercus alba***
acid rain 2149
air pollution 2149
allelopathy 1002
allergens 5074
control 4144
coppice 3420
foliage 2884
forest fires 2290
frost injury 239
glacial soils 7620
ground vegetation 1002
history 2290
insect pests
*Agrilus* 6566
Cecidomyiidae 4496
light 239
mortality 6566, 7953
natural regeneration 7953
phenology 239
plant disorders 6566
plant succession 7953
pollen 5074
sandy soils 7620
seed predation 3112
seedlings 239
seeds 3112
site class assessment 7620
soil chemistry 1002
soil depth 7620
soil water 1002
stand characteristics 7098
synecology 3817, 7098
thinning 3420
volume tables 728
weight tables 728
yield tables 4210
***Quercus aliena***
acid rain 2865
forest influences 2865
stemflow 2865
synecology 8070
throughfall 2865
***Quercus arizonica,*** insect pests, *Nemoria* 6547
***Quercus aucheri,*** distribution 7930
***Quercus borealis*** *(see Quercus rubra)*
***Quercus calliprinos***
palaeoecology 5173
pollen 5173

***Quercus cerris***
air pollution 1431
branches 895
coppice 663, 665
dieback 5103
economics 5527
embryo culture 1252
foliage 895
fungal diseases 7059
increment 5527
insect pests, *Diphyllaphis* 8032
mistletoes 1648, 3061
mixtures 5620
nitrogen fixation 4279
plant composition 1552
plant disorders 7059
pollen 1431
rendzinas 4279
seedlings 6397
stand characteristics 3810
vegetation types 982, 3810
***Quercus chapmanii,*** seed predation 6004
***Quercus chrysolepis***
height 6848-6849
seed germination 1874
***Quercus coccifera***
browse 3702
controlled burning 2186
forest fires 301
forest litter 2186
gas exchange 5478
growth models 4034
light 3702
phenology 301
plant composition 3702
plant water relations 5478, 5726
soil fauna 7716
***Quercus coccinea***
coppice 3420
crown 5641
fungal diseases, *Cryphonectria* 3050, 5894
insect pests, *Prionoxystus* 4508
pruning 2004
stem form 2004
thinning 2004, 3420
volume tables 728
weight tables 728
***Quercus conferta*** (*see Quercus frainetto*)
***Quercus crispula***
flowers 4359
heartwood 338
humus 7703
pollen 4359
reproductive behaviour 4359
seed production 4359
wood chemistry 338
***Quercus dalechampii,*** insect pests, Coleoptera 2436
***Quercus dealbata***
competition 6784
natural regeneration 6784
seed germination 6784
***Quercus dentata***
bark 1544
heartwood 338
plant composition 1544
wood chemistry 338
***Quercus devia***
stand characteristics 4387
synecology 4388
***Quercus douglasii***
direct sowing 6797
grasses 862, 7280
ground vegetation 862, 7280
habit 3676
natural regeneration 5577
seed germination 1874
seed predation 5577
***Quercus dumosa***
habit 3676
seed germination 1874
***Quercus durandii***
cattle 3931
foliage 3931
***Quercus ellipsoidalis,*** plant water relations 4936
***Quercus emoryi,*** insect pests, *Nemoria* 6547
***Quercus falcata***
control 4144
***Quercus falcata*** *cont.*
coppice 3420
thinning 3420
***Quercus floribunda***
biomass 4859
cycling 4859
energy relations 4859
epiphytes 423
foliage 2134
phenology 304
plant composition 2134
plant succession 4709
seed germination 4709
synecology 5186, 5198
vegetation types 2302
water stress 4709
***Quercus frainetto***
calorific value 1854
distribution 3789
fungal diseases 7059
photosynthesis 1854
plant disorders 7059
taxonomy 3789
vegetation types 982
***Quercus gambelii***
allelopathy 5853
browse 8090
cattle 3931
competition 5853
foliage 3931
***Quercus garryana***
height 6848-6849
insect pests, *Operophtera* 3146
***Quercus geminata,*** allelopathy 2321
***Quercus glauca***
forest litter 246
plant water relations 6338
root pruning 6338
transplanting 6338
***Quercus gracilipes,*** mycorrhizas 6509
***Quercus griffithii***
competition 6784
improvement planting 1975
natural regeneration 6784
planting 1975
seed germination 6784
site preparation 1975
***Quercus grisea,*** insect pests, *Nemoria* 6547
***Quercus havardii***
cattle 3931
erosion 3946
foliage 3931
***Quercus ilex***
acid rain 2848, 6946
air pollution 4287, 6946
coppice 2694
dieback 7058
fogs 2848
foliage 6946, 7177
forest litter 7177
genetics 624
grazing 1693
growth models 4034
indicator plants 4287
insect pests
*Catocala* 1082
*Ephesia* 1082
Lepidoptera 7258
*Malacosoma* 1082
leaching 2848
plant composition 6946
plant nutrition 2694
plant water relations 5726
provenance 624
rangelands 1693, 8093
salt spray 3576
stand characteristics 2694
synecology 392
tannins 7177
***Quercus ilicifolia***
reproductive behaviour 7901
sex 7901
***Quercus inopina,*** seed predation 6004
***Quercus kelloggii***
habit 3676
height 6848-6849
seed germination 1874
***Quercus laevis***
forest fires 3669
forest litter 831
Nematoda 3133
***Quercus laevis*** *cont.*
roots 3133
soil chemistry 831
synecology 3669
***Quercus lanuginosa***
biomass 4859
cycling 4859
energy relations 4859
***Quercus laurifolia***
plant composition 909
volume tables 728
weight tables 728
***Quercus leucotrichophora***
biomass 4859
cycling 4859
energy relations 4859
epiphytes 423
fodder 3326
forest litter 246, 6926
fuelwood 3326
natural regeneration 5197
phenology 304
plant succession 4709
seed germination 4709
soil fertility 6929
synecology 5186, 5197-5198
vegetation types 2302
water stress 4709
***Quercus liaotungensis***
mined land 797
plant composition 797
soil chemistry 797
***Quercus lineata,*** wood chemistry 4341
***Quercus lobata***
arboriculture 6646
assessment 6646
direct sowing 6797
habit 3676
seed germination 1874
tissue culture 6762
***Quercus lyrata***
birds 2472
cavities in trees 2472
crown 1331
***Quercus macrocarpa***
forest litter 6925
soil fauna 6925
synecology 987, 3008
vegetation types 5849
yield tables 4210
***Quercus marilandica,*** gene flow 1015
***Quercus mongolica***
forest litter 6334
hydrology 8115
Korea Democratic People's Republic 3302
plant composition 1541, 1543
plant succession 7957
seeds 1541, 1543
site class assessment 2744
soil biology 6334
stemflow 8115
throughfall 8115
yield tables 2744
***Quercus muehlenbergii***
insect pests, *Lymantria* 7260
synecology 987, 3008
***Quercus myrsinaefolia***
foliage 1543
habit 3676
plant composition 1543
***Quercus nigra***
mortality 7953
natural regeneration 7953
plant composition 909
plant succession 7953
seed germination 6731
seed treatment 6731
tree breeding 6501
volume tables 728
weight tables 728
***Quercus nuttallii***
artificial regeneration 1284, 1977
crown 1331
increment 5645
mortality 5611
seed production 1977
soil types 5611
weed control 5645
***Quercus palustris***
callus 5041

***Quercus palustris*** *cont.*
chlorosis 4950
fertilizers 4950
growth models 6642
growth regulators 7049
increment 6642
insect pests, *Lymantria* 6590
mulching 5436
nutrient deficiencies 4950
pruning 5429
roots 5436
street trees 4950
transplanting 7368
urban forestry 6642
wounds 5041, 5429
***Quercus petraea***
air pollution 844-847, 4954, 4980
biomass 2056, 5642, 6127
branches 4841
crown 2966, 4841
dieback 2447, 2966, 4954, 4980, 5114, 5707
economics 5527, 5693
embryo culture 7968
evapotranspiration 5253
fertilizers 4108
foliage 2056
forest litter 6330
forest management 4168
frost injury 1396
fungal diseases, *Colpoma* 2447
galls 6530, 7243
growth rings 847, 6071
habit 4108
hybrids 3844
increment 2056, 5527
insect pests 6530
Cynipidae 7243
mistletoes 3061, 5253
mixtures 2056, 4320, 5693, 6127
mycorrhizas 846
natural regeneration 2692
Nematoda 2447, 5327
nitrogen fixation 4279
nurseries 644
phenology 4108
plant composition 845
plant disorders 2966
plant nutrition 5707
planting stock 5580
pollen 7968
remote sensing 4881
rendzinas 4279
roots 5642
seedlings 5580
seeds 7968
silviculture 3470, 4168
soil chemistry 845, 5707
soil water balance 4934
solar radiation 6071
stand characteristics 2692, 3810, 5142
taxonomy 5142
tissue culture 7506, 7968
transpiration 4934
transplanting 644
tyloses 847
vegetation types 3810, 4320
vegetative propagation 644
volume determination 4841
wood defects 1396
wood properties 4980
***Quercus petraea* × *Q. robur***
galls 6530
insect pests 6530
***Quercus phellos***
crown 1331
foliage 2884
fungal diseases 3866
tree breeding 6501
***Quercus phillyraeoides,*** habit 3676
***Quercus prinus***
clear felling 295
foliage 5299
insect pests 5299
*Prionoxystus* 4508
wildlife 295
***Quercus pubescens***
air pollution 4952
distribution 3789
embryo culture 1252
foliage 4952
***Quercus pubescens*** *cont.*
forest fires 872
forest litter 807
genetics 3789
histology 6093
mycorrhizas 6509
nitrogen fixation 4279
phenology 304
plant composition 6093
rendzinas 4279
site types 3789
taxonomy 3789
***Quercus pyrenaica***
forest influences 7949
synecology 7949
***Quercus robur***
acid rain 269, 4283, 4966
afforestation 6609
air pollution 1431, 2147, 4571, 4954, 4966, 4980
bacteria 7125
branches 4841
bud culture 4096, 5546
buds 913
canopy 3683
cost analysis 7668
crown 2292, 2966, 4841
cycling 2147
cytology 2808
defoliation 2561, 4514
dendrochronology 4571, 5447
dieback 1840, 2447, 2841, 2966, 4954, 4980, 5114
direct sowing 2673
economics 2693, 3567, 5527, 7668
enzymes 2957
fertilizers 4283
flowers 5087
foliage 4514
forest fires 3231
forest influences 2176, 6369
forest inventories 7656
forest litter 1406, 6329
forest management 5477, 7656
frost injury 1396
fungal diseases 7059
*Colpoma* 2447
*Nectria* 6512
galls 6530, 7243
German Federal Republic 1718-1720, 2673, 7470
ground vegetation 835, 4400
growth regulators 4740, 5087, 5799
growth rings 6071
habit 7535
heartwood 338
Hungary 4073
hybrids 3844
increment 1840, 2841, 5527
insect pests 6530, 6616, 7276
Cynipidae 7243
*Erannis* 4514
*Euproctis* 5947
*Lymantria* 5947
*Operophtera* 4514
*Scolytus* 5950
*Tortrix* 4514
Lammas growth 6377
layer structure 2309
lichens 3629
mechanics 4192
mice 4271
mixtures 4126, 4320, 5620, 5650
mulching 1293, 7541
natural regeneration 1965, 2669, 7535
nature conservation 3231
Nematoda 2447, 5327
nurseries 644, 656, 2561, 6512
Oligochaeta 3135
phenology 5524
photosynthesis 552, 1416
plant composition 913, 1531, 2176
plant disorders 2966, 7059
plant morphology 3683
plant nutrition 812, 2147
plant physiology 2808, 2957
plant succession 425, 2317
plant water relations 1416
planting stock 656, 673, 1270
pollen 269, 1431, 5087, 7968
polyphenols 2928
***Quercus robur*** *cont.*
provenance 4073, 5524
respiration 552
root pruning 7376
roots 2808, 7810
runoff 6609
sap 7125
seed orchards 5524
selection 2693
shelterbelts 6616
shoot cuttings 4096
shoots 6377
silvicultural conversion 7575
silviculture 3470, 7575
snow 4192
soil 2309
soil chemistry 812
soil toxicity 812, 2808
soil water 7810
soil water movement 4271
solar radiation 6071
stand characteristics 2292, 2693, 7535
stem form 7535
stemflow 4966
tanstuffs 4655
tending 7558
throughfall 835, 4966
tissue culture 1531, 2928, 4725, 7506
transpiration 1416
transplanting 644, 7376
USSR, Byelorussian SSR 7434, 7575
variation 4073
vegetation types 4320
vegetative propagation 644, 4740, 5546
volume determination 4841
wood chemistry 338
wood defects 1396
wood properties 4980
yeasts 7125
yield forecasting 1840
yield tables 5666
***Quercus rotundifolia***
air pollution 3623
forest influences 7949
synecology 7949
***Quercus rubra***
allelopathy 5226
aluminium 3599
biomass 4198, 4200, 6127
competition 5226
containers 4111
crown 5641
cytology 5027
Czechoslovakia 6127
dormancy 7481
earlywood 2888
fertilizers 3411
foliage 5299, 6520
frost injury 239
fungal diseases, *Cylindrosporium* 6520
German Federal Republic 2614, 4166
greenhouses 5561
growth regulators 703, 7502
herbicides 4145
increment 3341, 3525-3526
insect pests 5299
*Lymantria* 5935, 6544, 7275
latewood 2888
leaf area index 4198, 4200
light 239, 5699
mined land 2522, 7319
mixtures 4200
mulching 5436
natural regeneration 1010, 1285, 1965, 2661, 2669
nurseries 3411, 4117, 5561, 6199
phenology 239
plant composition 5027
planting season 100
planting stock 100, 703, 890, 2645, 4117
pollen 1554
reclamation 2522, 7319
root pruning 4111
roots 890, 5436
seed collection 2624
seed germination 2624, 2645, 4145
seed treatment 7481
seedlings 239, 2645
seeds 2624
silvicultural systems 1285, 2661

***Quercus rubra*** *cont.*
silviculture 4166
site class assessment 5653
soil compaction 7319
soil toxicity 3599
stand characteristics 1010, 1285, 3341, 3525
synecology 3817, 5200
tannins 6544
tissue culture 7502
underplanting 6228, 6817
variation 6503
volume 4198, 4200
weed control 703, 3450
wood anatomy 2888
yield tables 4210
***Quercus serrata***
altitude 4687
choice of species 4687
foliage 3108
forest fires 870
habit 3676
heartwood 338
insect pests, *Chonostropheus* 3108
natural regeneration 870
plant succession 4709
seed germination 4709
silviculture 4687
species trials 4687
synecology 8070
underwood 417
water stress 4709
wood anatomy 313
wood chemistry 338
***Quercus sessilis,*** seedlings 6397
***Quercus shumardii,*** forest litter 2111
***Quercus spicata***
bark 7866
medicinal plants 7866
terpenoids 7866
***Quercus stellata***
coppice 3420
dendrochronology 8184
forest inventories 6891
fungal diseases, *Cryphonectria* 5894
thinning 3420
***Quercus suber***
cork 5075
embryo culture 1252
gas exchange 5478
growth models 4034
plant composition 5075
plant water relations 5478
rangelands 8093
tissue culture 1248
***Quercus toza*** (*see Quercus pyrenaica*)
***Quercus tuberculata,*** synecology 4388
***Quercus turbinata,*** wood chemistry 4341
***Quercus turbinella,*** control 689
***Quercus undulata,*** insect pests, *Nemoria* 6547
***Quercus variabilis***
basal area 4222
biomass 5644
branchwood 7822
forest litter 804
humus 4921
mixtures 5644
plant succession 7957
roots 7822
sampling 4222
wood anatomy 7822
***Quercus velutina***
coppice 3420
fertilizers 2797
gene flow 1015
insect pests
*Graphisurus* 2432
*Lymantria* 6544
*Orthosoma* 2432
pruning 2004
soil chemistry 2797
stem form 2004
tannins 6544
thinning 2004, 3420
***Quercus velutinus***
clear felling 295
wildlife 295
***Quercus virgiliana***
distribution 3789
genetics 3789
***Quercus virgiliana*** *cont.*
site types 3789
taxonomy 3789
***Quercus virginiana***
forest fires 3669
fungal diseases, *Ceratocystis* 5892
insect pests, *Orgyia* 1657
roots 5039
seed predation 6004
synecology 3669
***Quercus wislizenii***
arboriculture 6646
assessment 6646
grasses 7280
ground vegetation 7280
seed germination 1874
***Quillaja saponaria***
bark 898
plant composition 898
***Quintinia acutifolia,*** natural regeneration 1970
**Rabbits** 1087, 2876
***Racemobambos,*** taxonomy 3770
***Racemobambos microphylla,*** taxonomy 940
***Racemobambos prainii,*** taxonomy 940
***Racemobambos yunnanensis,*** taxonomy 940
***Racodium therryanum*** 7146
**Radiocarbon dating** 6073
**Radionuclides** 6960
fallout 2141, 4281, 4567, 6073
methodology 4281
***Ragala sanguinolenta***
keys 7817
plant morphology 7817
**Rain forests** (*see* Vegetation types, rain forests)
**Rainfall** (*see* Precipitation)
***Randia matudae,*** taxonomy 6452
***Randia pterocarpa,*** taxonomy 6452
**Range management** (*see* Grazing, management)
**Rangelands** 7281
(*see also* Grazing)
Australia 4880, 5988
New South Wales 5984
Canada 7282
Alberta 7284
conferences 4517
India 4517, 5982, 6024
Rajasthan 1761, 8095
Uttar Pradesh 1746, 3802, 6005
Indonesia 3663
Kenya 2867
Mediterranean Countries 5390
Morocco 1693
Nigeria 531
Portugal 8093
Somalia 948-950, 2466, 3158-3159, 3177, 5985-5986, 6079, 6120, 6366, 6458, 7436
South Africa 5989, 8091-8092
Uganda 5987
USA 7282
California 7950
Texas 7551-7552, 8094, 8096
Utah 7553, 8090
Yemen Arab Republic 1207
***Rangifer tarandus*** 543, 3939, 6598
***Rapanea melanophloeos***
electrical phenomena in trees 5794
increment 5794
***Raphia taedigera***
climax communities 5190
swamps 5190
***Rastrococcus invadens*** 7254
**Rattans** (*see* Canes and rattans)
***Rattus fuscipes*** 5345
***Ratufa indica dealbatus*** 6593
**Reaction wood** 306, 2203, 3678, 4256, 5011, 6966-6967
**Reclamation** 8140
*Acacia* 1710, 1713, 2519, 6017, 7317, 8109
*Acer* 4535, 7319
*Alnus* 553, 1714
arid regions 1114, 7314-7315
Australia 1710
*Azadirachta* 1713
*Betula* 4535
books 5452
**Reclamation** *cont.*
Canada
Alberta 5379
British Columbia 3954
*Caragana* 5379
*Casuarina* 3175
China 1114
Heilongjiang 3181
*Colophospermum* 8109
*Conocarpus* 3175
*Cornus* 5379
*Dalbergia* 1713
*Datura* 553
*Dichrostachys* 8109
economics 7312
*Elaeagnus* 5379
*Empetrum* 5379
*Eucalyptus* 1710, 1713, 2519, 6017, 7316
German Democratic Republic 4535
German Federal Republic 1721
India 5452, 6618
Andaman and Nicobar Islands 2520
Haryana 1713, 3956-3957, 6017, 6028
Himachal Pradesh 5378
Rajasthan 8109
Uttar Pradesh 1712, 5378, 6005
*Juglans* 2522, 7319
Kenya 3175
*Liriodendron* 6922
*Morus* 1713
Nepal 5676
Netherlands 4689
Nigeria 7316-7317
Pakistan 8124
*Parkinsonia* 6017
Philippines 553
*Picea* 1714, 5379
*Pinus* 553, 1113, 1714, 3955, 5379, 6922, 7312, 7318-7319
*Platanus* 7319
*Populus* 1713, 4535, 5379, 7312
*Prosopis* 1713, 2519, 8109
*Psidium* 553, 1713
*Punica* 1713
*Quercus* 2522, 4535, 7319
reviews 2519
*Robinia* 6922
Somalia 3177, 6079
*Syzygium* 1713
*Tithonia* 553
UK 1605, 1711, 1714, 3955
USA
California 7318
Indiana 2522
Ohio 6922
Pennsylvania 1716, 7312
Tennessee 1112
Virginia 1113, 7319
USSR 7313
Byelorussian SSR 7684
RSFSR 2862
*Ziziphus* 8109
**Recreation** (*see* Amenity and recreation areas; Forest recreation)
**Recruitment** 7079, 7622
**Regeneration** (*see* Artificial regeneration; Natural regeneration)
**Regeneration surveys** 216, 3553
**Reindeer** 6598
**Reinforcement planting** (*see* Beating up)
**Relascopes** 729, 761, 4223
(*see also* Angle count)
**Relief** 789, 2281, 4246, 7636
***Rellimia thomsonii,*** old and fossil wood 1483
**Remote sensing**
computer techniques 7422
damage 772, 2081, 2141
Belgium 7060
Canada, Nova Scotia 214
Europe 5682
German Federal Republic 840, 1377-1378, 1427, 5811
Italy 4886
Luxembourg 7060
Poland 6959
Switzerland 2141
USA, California 3560
USSR 2076

**Remote sensing** *cont.*
damage *cont.*
Yugoslavia 4881
data processing 4526, 7422
equipment 1163, 3278
forest fires 6370
infrared photography 1377-1378, 1427, 2141, 4881, 4886, 6959, 7060
land use 215, 1376, 3552, 3557, 3563, 4884-4885, 4888, 5688, 6305
mapping 221, 1163, 1380, 2077, 2141, 2757, 3277, 3555-3556, 3562, 4882-4884, 4888, 6370, 7663
methodology 2084
multispectral imagery 213-215, 772, 2080, 2083, 2761, 3277, 3552, 3554, 3557-3558, 3560, 3562, 4526, 4882-4883, 4888, 5687, 5690, 6370, 7422, 7663
photography 173, 221, 773, 1379, 1576, 2076, 2084, 2757, 3552-3553, 3561, 4885, 5684-5685, 6306, 6370
photointerpretation 775, 1377-1378, 1380, 1427, 2081, 2759-2760, 3551, 4886, 7664
radar 2082, 3559, 4235, 4248, 7620
rangelands 4880
satellites 215, 218, 774, 992, 1163, 1373, 1376, 2077-2080, 2291, 2761-2762, 3550-3551, 3557-3558, 3560, 3562-3563, 4235-4236, 4526, 4880, 4882, 4884, 4888, 5372, 6370, 6460, 7422, 7663
simulation 2081, 3559, 7664
soil surveys 7620
stand characteristics 173, 213, 218, 775, 1163, 1373, 1379, 2080, 2082, 2757, 3553-3554, 3559, 3561, 4235-4236, 4526, 5372, 5684-5685, 5687, 5689, 7658
statistical methods 3555-3556
vegetation
Botswana 3557
Brazil 774, 789, 3550
Burkina Faso 3551
Canada, Newfoundland 5690
Central America 3552
China 2080
Developing Countries 3552
France 3554
Guinea 6460
India, Karnataka 2291
Indonesia 4888
Iran 4885
Mali 6460
Mexico 5361
Senegal 6460
Sierra Leone 6460
Sudan 4882
USA 2083, 5688
Arizona 7663
Colorado 3562
Louisiana 4883
Michigan 3558
North Carolina 2761
South Carolina 992
USSR
RSFSR 1380
Siberia 2084
West Africa 3552
wildlife 2761, 3222, 4526, 5361
**Repellents**
insects 3145, 7032
mammals 2677, 5996, 7279
**Reproductive behaviour** 7755
*Abies* 369
*Acacia* 2265, 5134, 5857
*Acer* 3768
*Amelanchier* 5822
*Araucaria* 4090
*Banksia* 2263, 4135
*Bequaertiodendron* 5126
*Betula* 4360
*Bruguiera* 2268
*Carya* 370
conferences 586
*Crataegus* 931
*Cunninghamia* 5124
*Encephalartos* 7794
*Eucalyptus* 1224, 2206, 5122
**Reproductive behaviour** *cont.*
*Fagus* 1033
*Jessenia* 2703
*Kandelia* 2268
*Kleinhovia* 5128
*Leucaena* 6441, 6444
*Lumnitzera* 2267
*Macrozamia* 5121
*Madhuca* 5125
Malpighiaceae 1579
Myrtaceae 1224
*Nectandra* 3763
*Peltophorum* 7906
*Pinus* 1020
*Polyalthia* 7902
*Populus* 933
*Pseudotsuga* 932, 5237
*Quercus* 4359, 7901
reviews 1607
*Rhizophora* 2268
*Rhododendron* 934
*Rollinia* 6443
*Salix* 5960
*Santalum* 5819
*Stangeria* 7794
*Ziziphus* 6438
**Research**
agroforestry 1187, 1748, 1781, 1852, 3199, 3264, 3973, 3990, 3996, 4057, 4543, 4651, 5403-5404, 5502, 6041, 7349, 8148, 8155
Austria 7449
bamboos 2599
biological control 7456
biotechnology 3315
browse 1748
*Camellia* 2598
Canada 230, 1192, 4054, 7448
China 2598, 4574
conferences 6080, 6085
Costa Rica 3320
deer 7449
dendroclimatology 4574
Developing Countries 2597, 7451
dieback 7449
Dipterocarpaceae 2351
economics 230
extension 5502
Finland 6080
forest ecology 1824
forest management 7449
forestry 3320-3321, 4055-4057, 4651, 6702
fuel plantations 4677
genetics 2597
German Federal Republic 2595, 4045, 7433, 7449
*Heteropsylla cubana* 5331, 6539
history 5490, 5503, 7448
India 589, 5503
Karnataka 3322
insect pests 4054
Isoptera 3199
Lesotho 7437
Mexico 1190
nature conservation 7450
Nepal 607, 611, 4055-4057
Netherlands 32
Poland 6700
*Rhyacionia buoliana* 3105
*Santalum album* 3322
shelterbelts 6041
silviculture 589, 4677
social forestry 5502
Somalia 6702
Switzerland 6119, 7449
synecology 4651
taungya 5394
tissue culture 3315
tree breeding 2597
tropical forests 32, 605-606, 1824
Tropics 32, 4651
USA 6085, 6704
vegetative propagation 3315, 5630
watersheds 4604
Yemen Arab Republic 4668-4669
**Reserved forests** 564, 1129, 3815
**Reservoirs** 7779
**Resin tapping** 4816
methodology 710, 6834
seasons 4180, 4819
**Resin tapping** *cont.*
stimulants
ethephon 4179, 4818-4819
paraquat 8053
sulfuric acid 709, 712, 4179-4180, 7852
yeasts 3480
yields 622, 711, 713, 1321, 3480-3481, 4179-4180, 4819
***Resinicium bicolor*** 5887, 8002
**Resinous wood** 8053
**Resins**
chemistry 1536, 2932, 3715, 5081, 7019, 7033, 7852
diseases 3054, 4817
distribution 7819
insects 1674, 6563, 7033, 8053
measurement 5081
plant composition 1510
plant physiology 2251, 4816-4819
products 4817
uses 4506, 6834, 7033
**Resources** (*see* Energy resources; Forest resources; Forest statistics; Fuelwood)
**Respiration** 21, 73, 358-359, 552, 742, 1572, 2689, 3362, 3597, 4963, 6761, 6949, 7051, 7743
***Resseliella odai*** 5326
***Resseliella piceae*** 3069
***Resseliella skuhravyorum*** 7266
***Reticulitermes flavipes*** 1553, 2420, 5915
**Reviews**
acid rain 3630, 3639
Actinomycetales 3879
*Agrobacterium* 7982
agroforestry 1780, 1806, 4013, 5393, 6046, 7331, 7778, 8138, 8147-8148
air pollution 2840, 5741, 6356
allelopathy 7104
betulin 7853
biological control 3149, 3925, 6656
biotechnology 1608, 7982
boreal forests 6473
*Cajanus cajan* 6626
carbon dioxide enrichment 2258, 4961
*Choristoneura* 3903
cycling 2826
*Dalbergia latifolia* 1454
*Dalbergia nigra* 1454
defoliation 3063
deforestation 5382
dendrochronology 2566
dendroclimatology 2566
dieback 2839, 2968, 3609, 3630, 3639, 4352, 5806, 7894
diseases 6661
distribution 404
dormancy 2621, 3355
drainage 7300
*Encephalartos* 7794
erosion 5375
erosion control 1780, 8138
evaporation 2491
evapotranspiration 4961
fertilizers 3390, 4750
*Ficus* 6375
fodder 158
forest influences 3660, 7778
forest management 4221
fungal diseases 6661
gas exchange 4345
genetics 7963, 7984
growth models 6868
growth regulators 5799
Guttiferae 4331
herbicides 130, 6232
*Heterobasidion annosum* 5270
hydrology 2491
increment 4037
insect pests 600
ionizing radiation 5806
*Jessenia bataua* 1453
*Lambdina fiscellaria* 7217
landscape ecology 6638
medicinal plants 1326
mycoplasmal diseases 3880, 6661
mycorrhizas 1047, 1625, 7992
Nematoda 6661
nitrogen fixation 4941
nitrogen fixing trees 4941, 7331

**Reviews** *cont.*
nutrient deficiencies 6348
*Oenocarpus* 1453
ornamental woody plants 2559
*Panolis flammea* 508
*Pinus* 404
plant composition 4331
plant physiology 2254
plant water relations 4275-4276, 4940, 5729
planting stock 3410
pollution 5382
*Populus tremuloides* 3538
precipitation 2491
reclamation 2519
reproductive behaviour 1607
root nodules 7127
roots 7127
runoff 7299-7300
seeds 1236, 1883, 2621, 3355, 6743
*Sequoiadendron giganteum* 3468
shelterbelts 2500, 2512-2516
shifting cultivation 8143
silvicultural systems 1963
silviculture 1607
site class assessment 3531
snow 600
soil conservation 1780, 1806
soil formation 7687
soil toxicity 2809
*Stangeria* 7794
*Taxus* 5789
*Tectona grandis* 302
tissue culture 4729, 6160, 7515
translocation 2958
transpiration 2491
tree breeding 1607, 2516, 3024, 7515
treelines 7932
tropical forests 598
urban forestry 5428
vegetative propagation 1607, 2559, 7515
viral diseases 6661
watersheds 5375, 8138
wind damage 600
wood anatomy 2203, 2852, 7819
wood properties 2852
yield forecasting 6868
***Rhabdocline parkeri*** 5287
***Rhabdocline pseudotsugae*** 4445
***Rhabdophaga swainei*** 4501
***Rhabdothamnus solandri,*** wood anatomy 6396
***Rhagoletis pomonella*** 7248
***Rhamnus cathartica***
plant succession 425
planting stock 4088
seeds 4088
silviculture 4088
***Rhamnus frangula***
anthraquinones 4335
bark 4335
glucose 4335
medicinal plants 4335
monosaccharides 4335
natural regeneration 2669
planting stock 4088
seeds 4088
silviculture 4088
underplanting 4163
***Rhaptopetalum***
taxonomy 5031
wood anatomy 5031
***Rhinoceros unicornis*** 5823
***Rhizobium*** 1624, 3042, 3853, 3861, 5256, 5866, 5869, 5873, 6187, 6510, 7126, 7732, 7988-7989, 7993-7994
***Rhizobium loti*** 6511
***Rhizoctonia solani*** 473, 493, 3862-3863, 4429, 5263, 5265, 5267, 7169, 7998
***Rhizophagus*** 2262
***Rhizophagus depressus*** 7224
***Rhizophagus grandis*** 3124, 4489
***Rhizophora***
aquaculture 5369
artificial regeneration 2306
cycling 3659
forest influences 3659
forest litter 3588, 7728
natural regeneration 2306
shelterbelts 3953
***Rhizophora*** *cont.*
synecology 5188, 7728
***Rhizophora apiculata***
branches 5008
forest litter 3589, 4924
habit 5008
natural regeneration 112
protection forests 3953
pruning 5008
seedlings 5008
shelterbelts 3953
shoots 5008
synecology 3229, 3807
volume tables 178
***Rhizophora conjugata,*** growth regulators 7057
***Rhizophora harrisonii***
distribution 5148
taxonomy 5148
***Rhizophora mangle***
biology 303
distribution 5148
ecology 5162
foliage 6337
genetics 303
marine borers 5162
mutations 6498
oil spills 3615
photosynthesis 7046-7047
plant water relations 2822, 6337
saline soils 6337
salt tolerance 6337
seedlings 1482
synecology 303
wood anatomy 888
zeaxanthin 7046-7047
***Rhizophora mucronata***
branches 5008
damage 8074
forest litter 4924
habit 5008
pests 8074
planting 5594
pollen 2879
protection forests 3953
pruning 5008
reproductive behaviour 2268
roots 318
seedlings 5008
shelterbelts 3953
shoots 5008
silviculture 5594
site preparation 5594
synecology 3229, 3807
volume tables 178
weed control 5594
***Rhizophora racemosa***
distribution 5148
taxonomy 5148
***Rhizophora stylosa***
genetics 4624
keys 3009
maps 3009
plant composition 4624
protection forests 3953
seed predation 4363
seeds 4363
shelterbelts 3953
synecology 3009, 4363
***Rhizopogon luteolus*** 458, 7987
***Rhizopogon rubescens*** 7135
***Rhizopus*** 7997
**Rhizosphere** 2175, 2446, 3854, 4436, 6933
***Rhododendron***
embryology 4330
forest litter 6329
humus 6329
***Rhododendron anthopogon,*** wood anatomy 322
***Rhododendron arboreum***
medicinal plants 1328
wood anatomy 322
***Rhododendron barbatum,*** wood anatomy 322
***Rhododendron campanulatum,*** wood anatomy 322
***Rhododendron dalhousiae,*** wood anatomy 322
***Rhododendron hodgsonii,*** wood anatomy 322
***Rhododendron lepidotum,*** wood anatomy 322
***Rhododendron nuttallii,*** reproductive behaviour 934
***Rhododendron ponticum***
roundwood 5635
storage 5635
volume 5635
weight 5635
***Rhododendron setosum,*** wood anatomy 322
***Rhododendron triflorum,*** wood anatomy 322
***Rhopalicus tutela*** 6562
***Rhopalosiphum padi*** 7190
***Rhus chinensis***
browse 3160
foliage 3160
***Rhus glabra,*** browsing damage 6001
***Rhus javanica,*** seeds 629
***Rhus lancea***
fruit 5018
taxonomy 5018
***Rhus microphylla***
grazing 8096
rangelands 8096
***Rhus natalensis***
browse 5337
flavonoids 1073
insect pests, *Blepharida* 1073
plant composition 5337
***Rhus parviflora***
forest litter 4926
seed germination 1907
seed treatment 1907
***Rhus tenuinervis***
flavonoids 1073
insect pests, *Blepharida* 1073
***Rhus tripartita***
flavonoids 1073
insect pests, *Blepharida* 1073
vegetation types 5180
***Rhus verniciflua***
browse 3160
foliage 3160
***Rhus vulgaris***
flavonoids 1073
insect pests, *Blepharida* 1073
***Rhyacionia*** 2419, 2681, 3154, 5317, 8041
***Rhyacionia buoliana*** 3104-3105, 8036
***Rhyacionia frustrana*** 3102-3103, 8076
***Rhynchaenus fagi*** 929, 3913, 5318, 5954, 8049
***Rhytidoponera tasmaniensis*** 2971
***Richea pandanifolia,*** fungal diseases, *Chalara* 8006
***Ricinocarpodendron polystachyum***
bark 350
chemistry 350
***Ricinodendron rautanenii***
multipurpose trees 8164
social forestry 8164
***Ricinus communis,*** insect pests, *Trabala* 8037
**Rights of way** 2726, 5101-5102, 5430, 5591
**Ring-barking** (*see* Girdling)
***Rinorea racemosa,*** evapotranspiration 6934
**Riverside plantations** 2171
**Roads**
classification 6873
computer techniques 760, 2072, 2750, 5673, 7643
conferences 4614
damage 4291, 4976, 5746
development policy 222
drainage 5746
ecology 2468, 3794, 5746, 6591
economics 2751-2752, 7646
erosion 217, 279, 4291, 7642, 7651
history 1364
machinery 1364, 5673, 6879, 7637, 7643
maintenance 4302, 7651
materials 3548, 7637-7638
methodology 7407
planning 205-207, 217, 760, 1367, 2072, 2749-2750, 2752, 4302, 4614, 6297, 6873, 7407, 7647
road construction 1364, 4216, 4976, 5673, 6879, 7638, 7643-7646
safety 2468

**Roads** *cont.*
salting 2139
simulation 7646
soil physics 217, 279, 4216, 4302, 5746
stability 4871
strip roads 201, 7645-7646
terrain classification 217
traffic 209, 2468
**Roadside plantations** 2506, 2617, 2755, 2858, 6272
***Robinia fertilis***
lime 3176
mine spoil 3176
***Robinia pseudoacacia***
air pollution 2843, 7753
allelopathy 5225
amelioration of forest sites 4265
artificial regeneration 5751
bacteria 7989
beekeeping 5779
biomass 1344, 4857, 5649, 7469
books 5449
botany 5003
branches 5776
browse 1691, 3160
bud culture 4096
cambium 319
China, Jiangsu 1859
clones 5750
coastal areas 1859
coppice 5751
crown 2966
cycling 267, 5738
cytology 5027
deer 5340
dieback 5103
dunes 2317
earlywood 5750
economics 5604
electrical phenomena in trees 8052
fertilizers 2643, 6178
flowering 5779
fodder 2133, 2709
foliage 2133, 2709, 2884, 3160
forest litter 247, 1408-1409, 6922
fuel plantations 5649
fungal diseases 5907
growth rings 5749-5750
habit 5776
herbicides 6227
histology 319
humus 4921
Hungary 5449
improvement fellings 5604
increment 5604
insect pests
*Megacyllene* 8052
*Semiothisa* 5945
intensive silviculture 4766, 7469
latewood 5749-5750
lignin 337
lime 3176
mine spoil 2643, 3176, 6178, 6922
mixtures 4811
mycorrhizas 7989
natural regeneration 5751
nitrogen fixing trees 5003, 5873
nutrient deficiencies 2643
ornamental woody plants 6650
phenology 1458, 5779
plant anatomy 319
plant composition 2133, 5027
plant disorders 2966
plant morphology 5779
plant succession 2317, 6483
plant water relations 2818
reclamation 6922
root nodules 3042, 5873
seeds 1902
shoot cuttings 4096
shoots 2709
silviculture 5003
soil chemistry 267, 6178
soil fertility 4265
suckering 5751
symbiosis 7989
synecology 6483
taxonomy 5779
tissue culture 337, 646, 1821, 5552
tree breeding 5862
uses 5003
***Robinia pseudoacacia*** *cont.*
weed control 3450
wood density 5749-5750
wood properties 5749-5751, 5862
yield tables 5665
**Robots** 5622, 6821
**Rodents** 1098, 1291, 2678, 5127, 5343, 6828, 7287
***Rollinia jimenezii***, reproductive behaviour 6443
**Romania**
*Abies alba* 5569-5570, 5642, 5724, 5812
*Acer campestre* 3296
*Acer platanoides* 3296
agroforestry 1742
air pollution 5812
*Cervus elaphus* 5994
climate 5704
deforestation 6008
dieback 5812
drought injury 5724, 5812
*Fagus sylvatica* 5569-5570, 5642, 5954
flooding 5725
forest influences 6008
*Ips typographus* 5971
*Lymantria dispar* 8039
*Malacosoma neustria* 8039
mixtures 5569-5570
*Picea abies* 5570, 5576, 5642, 5834
*Populus* 5725
*Quercus* 8039
*Quercus petraea* 5642, 5707
*Rhynchaenus fagi* 5954
*Robinia pseudoacacia* 5945
*Salix* 5725
*Semiothisa alternaria* 5945
silvicultural systems 5569-5570
*Taxodium distichum* 5704
watersheds 6008
***Romneya***, wood anatomy 326
**Root and butt rots** (*see also Armillaria mellea; Heterobasidion annosum*)
assessment 476, 479, 5887, 7116
biology 3867, 4433, 4435, 4437, 7150
conferences 5476
control 480, 1055, 4433, 4450-4451, 5908
damage 3867, 5199, 5890
distribution 481, 7116, 7151
ecology 2188, 4433, 4437, 5889
increment 4432, 7151
infection 3867, 4451, 7149
methodology 7152
resistance 4437, 7152
simulation 8003
symptoms 1055, 2388, 4433
wounds 280
**Root shoot ratio** 98, 254, 666
**Roots**
adventitious roots 5025
aerial roots 1007
anatomy 317-318, 1007, 2885, 5038, 7001, 7822
bark 317, 2229, 5080
chemistry 317, 351, 456, 903, 1490, 1640, 2123, 2229, 2233, 2893, 2898, 2910, 2923, 2945, 3499, 3617, 3704, 4342, 5046-5047, 5051, 5065, 5080, 6916, 7013, 7025, 7840, 7865
competition 393, 1753, 5436, 7417
damage by 1800
damage to 237, 280, 792, 2808, 7773
decomposition 2123, 2175
deformation 3407, 4111
development 792, 885, 890, 1394-1395, 1568, 2324, 2637, 2646, 3282, 4329, 5020, 5025, 6940
diseases 475, 478, 1634-1636, 3883, 4431, 4436, 4763, 5269, 6512, 7144, 7149
(*see also Phytophthora cinnamomi*)
distribution 886, 1394-1395, 1829, 2806, 2813, 3499, 5039, 5642, 6678, 7810
equipment 6678
growth 17, 123, 244-245, 790, 813, 885, 1797, 1829, 2776, 3417, 3499, 4247, 4275, 6324
**Roots** *cont.*
measurement 886, 2051, 2813, 3283, 3499-3500, 4329, 5012, 5642
mechanics 237, 7687
methodology 17, 885, 1829, 5038, 7773
pests 3133, 8057
plant physiology 17, 1568, 1935, 3606, 7138
plant water relations 237, 819-820, 2806, 3604, 3606, 4270, 4275, 6338, 6940
proteoid roots 2233
root exudates 2175
root nodules 1826, 3042, 5873
*Acacia* 2776, 5532, 5564, 7988
*Albizia* 5256, 5531
*Allocasuarina* 1941, 2369, 2376, 2379
*Alnus* 277, 360, 449-450, 453, 886, 1626-1627, 1942, 2124, 2126, 2129, 2378, 3859, 4427-4428, 5019, 5070, 5883, 7985
*Bauhinia* 5531
*Betula* 5883
Caesalpinioideae 7127
*Cassia* 5531
*Casuarina* 360, 451, 1569, 1941-1942, 2256-2257, 2369, 2372, 2376-2377, 2379, 3044, 4427, 7508
*Ceanothus* 1943
*Coriaria* 2130, 4427
*Cycas* 5874
*Dalbergia* 5250
*Dichrostachys* 5256
*Elaeagnus* 1942, 2124, 4427
*Erythrina* 2365, 5256
*Gliricidia* 5876
*Gymnostoma* 2376-2377, 5255
*Hippophae* 2379, 4427
*Leucaena* 452, 1624, 3853, 3861, 5250, 5531, 5869, 6187, 6510-6511, 7126, 7732, 7993
*Mimosa* 2365
Mimosoideae 7127
*Myrica* 360, 1942, 2371, 2377, 4427
Papilionoideae 7127
*Parasponia* 1569
*Populus* 2124
*Prosopis* 2810, 5256, 7994
*Pterocarpus* 5256
*Sesbania* 1569, 5565
*Shepherdia* 5255
root pruning 1797, 6338, 6643, 7370, 7376
root systems 1394-1395, 1476, 1480, 2051, 2324, 3417, 3677, 4319, 4329, 5781, 7773, 7794, 7805
simulation 4319
statistical methods 4319, 5039
systems 792, 810, 819, 886, 2966
uses 317, 7001
***Roptrocerus xylophagorum*** 6562
***Rosa***, fruit 6264
***Rosa canina***
planting stock 4088
seeds 4088
silviculture 4088
***Rosa multiflora***, air pollution 7753
**Rosaceae**, wood anatomy 5033
***Rossiulus kessleri*** 3600
**Rot fungi** (*see* Decay fungi)
**Rotations** 2774, 6875
(*see also* Exploitable age or size; Plantations, soil fertility)
*Abies* 202
*Abies alba* 7532
*Cunninghamia lanceolata* 5614
economics 2070, 3565, 6307-6308
*Eucalyptus* 3202
*Eucalyptus grandis* 750, 3540, 3565
*Eucalyptus maculata* 3565
*Eucalyptus saligna* 3565
*Fagus sylvatica* 4132
*Mimosa scabrella* 2768
*Picea* 202
*Pinus sylvestris* 7532
*Populus* 'I-214' 5520
*Populus* 'Lux' 5520
*Populus* 'NE-367' 5520

*Populus* 'Rap 1658' 5520
simulation 202, 2069
***Rotylenchus*** 8072
***Rourea,*** wood anatomy 996
**Royalties** (*see* Stumpage value)
**RPK planter** 6254, 6257
**Rubiaceae**
medicinal plants 4825
taxonomy 4321
***Rubus***
control 1997, 1999
deer 1089, 2470
fruit 6264
***Rubus caesius***
competition 7548
synecology 7948
***Rubus idaeus***
competition 2001, 7548
control 4786-4787
fruit 5623, 6264
***Rubus nessensis,*** fruit 5623
***Rubus palmatus,*** natural regeneration 1601
***Rubus strigosus***
controlled burning 7284
grazing 7284
rangelands 7284
**Runoff** 125, 548, 1104-1105, 1698, 1702, 1704-1705, 2112, 2162, 2181, 2664, 2862, 2866, 3168, 3194, 3443, 3943, 3945, 5392, 5711, 6609, 7292, 7306-7307, 7780, 8111, 8116-8117, 8130, 8184
(*see also* Streams)
reviews 7299-7300
***Rupicapra rupicapra*** 2469, 3162
***Ruprechtia glauca,*** taxonomy 7914
***Ruprechtia laxiflora,*** taxonomy 7914
***Ruprechtia maracaensis,*** taxonomy 7914
***Ruprechtia nitida,*** taxonomy 7914
**Rural economy** 1381, 3181, 4536, 4592, 5634, 7404
bibliographies 7388
books 4580, 4592
forestry 4580
***Russula*** 6845
***Russula ochroleuca*** 457
**Rust diseases** 4438
(*see also Cronartium fusiforme*)
assessment 1645
biology 1058, 1645, 3875, 4439-4440, 5906, 8009, 8015
control 3874, 3882, 5281, 5906, 8012, 8015
damage 1058, 3048, 3874, 7156
distribution 5896
ecology 1058, 4439, 4492, 5906, 6517, 8001, 8009, 8015
increment 3874, 7155
infection 2391, 5277, 5279, 5906
methodology 487, 2391, 3876, 7158
plant physiology 4430
resistance 484, 1056, 1916, 2391, 3052, 3876, 5279, 5282, 5898, 7156, 7158, 8016
symptoms 1058, 4430, 5277
taxonomy 2396
**Rwanda**
agroforestry 3200, 4550, 5397, 6629
*Calliandra calothyrsus* 5397
flora 2985
improvement planting 4071
*Leucaena* 5397
*Markhamia lutea* 5397
*Sesbania sesban* 5397
species trials 3200, 4071, 5397
**Sabah**
*Acacia mangium* 3299, 6791
afforestation 3301, 6791
*Albizia falcataria* 3299, 6791
*Calamus caesius* 3490
*Calamus trachycoleus* 3490
canes and rattans 3490
choice of species 3299
*Dinochloa darvelana* 1591
forest ecology 2282
forestry 3301
*Gmelina arborea* 3299, 6791
logging 853
*Pinus caribaea* 3299
plantations 853, 3299, 3301, 6791
private forestry 3299
**Sabah** *cont.*
shifting cultivation 1757
site preparation 853
soil fertility 853
*Sphaerobambos hirsuta* 1590
synecology 2282
***Sabal,*** taxonomy 4369
**Safety** 43, 1196, 1796, 3259-3260, 4018, 4058-4061, 4675, 5509
**Sahel**
agroforestry 562
browse 1319
climate 6027
deforestation 6027
fodder 1319
forest management 104
nature conservation 104
Palmae 562
***Salacca***
plant morphology 5827
taxonomy 5827
**Salicaceae,** taxonomy 1593
***Salix***
artificial regeneration 5725
bacterial diseases 3878
bark 390
bibliographies 1153
biomass 6125, 6204, 7459
bottomland forests 3593
branches 4248
chemotaxonomy 5056
competition 1687
conferences 3273
control 3445
deer 5340
dieback 5103
fertilizers 649
flooding 5725, 7718
foliage 7767
forest litter 1594
fungal diseases
*Ceratocystis* 1641
*Chondrostereum* 3877
genetic engineering 3837
glycosides 5056
grasses 1594
height 6848
insect pests
*Bhima* 4477
*Paranthrene* 3898, 4481
*Parasa* 4477
*Plagiodera* 7240
*Pristiphora* 4477
*Trabala* 4477
intensive silviculture 1812, 2662
keys 390
mycorrhizas 7130
natural regeneration 5725
phenolic compounds 5056
plant succession 425
silviculture 649, 5725, 6125, 6204
simulation 1812
soil types 3592
sulfur dioxide 7767
synecology 1594
tissue culture 3837
tree breeding 6204
weed control 5587-5588
wildlife 1093
***Salix acmophylla***
embryology 2213
taxonomy 7917
***Salix acutifolia***
increment 3605
soil water 3605
***Salix alaxensis***
browse 1090
deer 1091
plant composition 1090
***Salix alba***
clones 3847, 7118
forest litter 1406
fungal diseases, *Marssonina* 1643
galls 7241
increment 3605, 6859-6860
insect pests
*Chrysomela* 7230
*Phratora* 3066
*Plagiodera* 3066
*Pontania* 3066, 7241
irrigation 1993
***Salix alba*** *cont.*
light 6860
mistletoes 4454
mycorrhizas 1628
plant composition 344
plant nutrition 4454
sewage 1993
soil water 3605
taxonomy 7917
truffles 1628
wood properties 7118
***Salix alba* × *S. fragilis***
clones 7118
insect pests
*Phratora* 3066
*Plagiodera* 3066
*Pontania* 3066
wood properties 7118
***Salix alba* × *S. matsudana,*** weed control 6803
***Salix americana***
increment 3605
soil water 3605
***Salix amygdaloides***
biomass 4693
flowering 3766
hybrids 3766
phenology 3766
variation 4693
wood density 4693
wood moisture 4693
***Salix apennina***
mycorrhizas 1628
truffles 1628
***Salix aquatica***
biomass 4201
coppice 4201
fertilizers 1260
foliage 361
for energy 1992
genetics 1911
growth regulators 1911
intensive silviculture 1260
photosynthesis 361
silviculture 4201
site preparation 1992
tissue culture 1911
***Salix arbusculoides***
browse 1090
plant composition 1090
***Salix arctica,*** sex 7904
***Salix aurita***
fungal diseases, *Marssonina* 1643
natural regeneration 2670
underplanting 4163
***Salix babylonica***
air pollution 4964
insect pests 7276
*Nematus* 1675
nomenclature 5439
ornamental woody plants 5439
weeds 2000
***Salix bebbiana***
deer 1091
flowering 3766
hybrids 3766
phenology 3766
***Salix caprea***
bark 3706
crown 2966
flowers 5087
fungal diseases, *Marssonina* 1643
genetics 1911
glycosides 3706
growth regulators 1911, 5087
insect pests, *Chrysomela* 7230
mycorrhizas 1628
natural regeneration 2670
phenolic compounds 3706
plant disorders 2966
pollen 5087
synecology 508
tissue culture 1911
truffles 1628
underplanting 4163
***Salix cheilophila,*** plant water relations 5723
***Salix chingshuishanensis,*** taxonomy 7073
***Salix chrysocoma***
anthocyanins 1929
pigments 1929

***Salix chrysocoma*** *cont.*
tissue culture 1929
***Salix cinerea***
autecology 4376
biomass 742
foliage 4461
insect pests 4461
*Euura* 6574
stand characteristics 4376
underplanting 4163
yield forecasting 544
***Salix daphnoides,*** mulching 1293
***Salix dasyclados***
biomass 1052
foliage 361
fuel plantations 2604
German Federal Republic 2604
increment 3605
mycorrhizas 1052
photosynthesis 361
soil water 3605
***Salix discolor***
flowering 3766
hybrids 3766
phenology 3766
***Salix elaeagnos***
mycorrhizas 1628
truffles 1628
***Salix eriocephala***
biomass 4693
flowering 3766
hybrids 3766
phenology 3766
variation 4693
wood density 4693
wood moisture 4693
***Salix exigua***
biomass 4693
flowering 3766
hybrids 3766
insect pests, *Plagiodera* 8067
intensive silviculture 4766
phenology 3766
variation 4693
wood density 4693
wood moisture 4693
***Salix fragilis***
galls 7241
increment 3605
insect pests
*Chrysomela* 7230
*Phratora* 3066
*Plagiodera* 3066
*Pontania* 3066, 7241
soil water 3605
yield forecasting 544
***Salix gilgiana,*** distribution 7082
***Salix glandulosa***
branchwood 7822
roots 7822
wood anatomy 7822
***Salix glauca***
browse 1090
deer 1091
plant composition 1090
sex 7904
snow 4255
***Salix hastata,*** underplanting 4163
***Salix humboldtiana***
increment 3605
insect pests, *Nematus* 1675
soil water 3605
***Salix lanata,*** deer 1091
***Salix lasiolepis***
flowering 5960
insect pests
*Euura* 5325, 5957, 5959-5960
*Phyllocolpa* 5325, 5957
*Pontania* 5325, 5957, 6573
reproductive behaviour 5960
***Salix lucida***
biomass 4693
flowering 3766
hybrids 3766
phenology 3766
variation 4693
wood density 4693
wood moisture 4693
***Salix matsudana***
fungal diseases
*Junghuhnia* 1636
***Salix matsudana*** *cont.*
fungal diseases *cont.*
*Marssonina* 1643
increment 3605
soil water 3605
***Salix microstachya***
cytology 5027
plant composition 5027
***Salix myrsinifolia***
bark 3706
glycosides 3706
phenolic compounds 3706
***Salix nigra***
floodplains 2523
insect pests
*Plagiodera* 8067
*Prionoxystus* 3902
mycorrhizas 1046
shoot cuttings 4095
***Salix pendulina,*** fungal diseases, *Marssonina* 1643
***Salix pentandra***
bark 3706
biomass 742
galls 7241
glycosides 3706
increment 3605
insect pests, *Pontania* 7241
phenolic compounds 3706
plant composition 344
soil water 3605
***Salix petiolaris***
flowering 3766
hybrids 3766
phenology 3766
***Salix phylicifolia***
bark 3706
glycosides 3706
phenolic compounds 3706
underplanting 4163
***Salix planifolia***
browse 1090
deer 1091
plant composition 1090
***Salix purpurea***
foliage 3706
fungal diseases, *Marssonina* 1643
glycosides 3706
increment 3605, 6859
mycorrhizas 1628
phenolic compounds 3706
soil water 3605
truffles 1628
weed control 6803
***Salix purpurea*** × ***S. viminalis***
genetics 1911
growth regulators 1911
tissue culture 1911
***Salix repens***
plant composition 344
sex 7904
***Salix sachalinensis***
ornamental woody plants 1794
vegetative propagation 1794
***Salix viminalis***
abscisic acid 7886
biomass 1052, 4209, 6424
cycling 6350
dormancy 7886
foliage 361
genetics 1911
growth regulators 1911
increment 3605, 6859
insect pests, *Chrysomela* 7230
light 4209
mycorrhizas 1052
phenology 1458
photosynthesis 361, 6424
soil water 3605
temperature 7886
tissue culture 1911
***Salix wallichiana,*** embryology 2213
**Salmonidae** 1
***Salsola arbuscula,*** weight determination 2717
**Salt injury** 1111, 1113, 1632, 2139, 6720 (*see also* Air pollution, salt spray)
**Salt tolerance** 252-253, 984, 1029, 1265, 2120, 2139, 2253, 3743, 5017, 5541, 6337, 6427, 6930, 7722, 7734
***Salvadora oleoides***
foliage 2260
optical properties 2260
***Salvadora persica***
foliage 2260
optical properties 2260
planting stock 1985
remote sensing 4882
Sudan 4882
tissue culture 1985
**Salvage felling and logging** 3542, 4147, 4286
***Samanea saman***
afforestation 3431
agroforestry 3210, 6056
biochemistry 2965
botany 5771
fodder 7467, 7595
foliage 5094, 6412
green manures 6056
growing media 3414
light 5094
nitrogen fixing trees 5771, 5873
plant composition 2913, 6412
plant physiology 2913, 5094
root nodules 3042, 5873
soil amendments 3414
species trials 3210, 6132, 7467
tropisms 2965
uses 5771
wood chemistry 4341
***Sambucus,*** wood anatomy 321
***Sambucus canadensis,*** fungal diseases, *Ceratocystis* 1641
***Sambucus nigra***
air pollution 848
foliage 848
fruit 6264
phenology 1458
plant succession 425
planting stock 4088
seeds 4088
silviculture 4088
***Sambucus racemosa***
frost resistance 1390
planting stock 4088
seeds 4088
silviculture 4088
underplanting 4163
water stress 1390
**Sample plot technique** 1168, 1369, 4877, 5677, 5685, 7657, 7659-7660
**Sand dunes** (*see* Dunes)
***Sandoricum koetjape,*** wood chemistry 4341
***Sandwithia guyanensis,*** sesquiterpenoids 5076
**Sanitation fellings** 786, 2456-2457, 3542, 3874
***Santalum album***
bark 1526
bibliographies 4
diameter 2039
enzymes 2259
essential oils 2259
genetics 7491
heartwood 2039
height 2039
increment 2059
India 2095
Karnataka 3322
open pollination 5819
parasitic plants 3427
plant composition 7041
plant nutrition 2137
pollen 5819
reproductive behaviour 5819
research 3322
seed germination 1905, 6728, 7491
seed treatment 6728
seedlings 3427, 7491
seeds 345, 7041, 7491
silviculture 3427
soil 2095
variation 5819
**Sap**
chemistry 1062, 1421, 1499, 1561
mathematics 923
methodology 2579, 4025, 4621
properties 491, 3626, 7125

**Sap** *cont.*
sap flow 923, 2579, 2824, 4025, 4621, 4935, 7153, 7721
***Saperda populnea*** 3914
***Sapium pachystachys,*** climbers 6524
***Sapium sebiferum***
biomass 6205
coppice 6205
seeds 7903
silviculture 6205
***Sapranthus palanga,*** plant composition 1523
**Sapwood** 257, 1437, 2852, 3653, 3686, 4296, 4325, 4337, 5026
***Saraca asoca***
bark 2208
medicinal plants 2208
**Sarawak**
*Acacia mangium* 1078, 3062
books 4581
data processing 6685
flora 4581
insect pests 3062
mangroves 4924
*Meloidogyne* 1078
mycorrhizas 1049
Nematoda 1077
nurseries 1077
plant succession 3822
shifting cultivation 3190, 3822
synecology 3822
vegetation types 988
***Sarcomelicope simplicifolia***
alkaloids 2902
bark 2902
***Sarocladium oryzae*** 4446
***Sasa borealis***
ecology 1596
light relations 1600
***Sasa oblongula,*** taxonomy 2975
***Sasamorpha chiisanensis***
browse 3160
foliage 3160
***Sassafras albidum***
insect pests, Cecidomyiidae 4496
landscape 7362
***Sassafras randaiense,*** seeds 67
**Saudi Arabia**
arid regions 7361
choice of species 1823
irrigation 3646
landscape 7361
ornamental woody plants 7361
*Prosopis juliflora* 3646
*Tamarix* 5176
**Savanna** (*see* Vegetation types, savannas)
**Sawdust** 1113
**Saws**
pruning saws 48, 155, 157, 1316
vibration 6260
**Scarabaeidae** 6586
***Schaefferia cuneifolia***
medicinal plants 7836
terpenoids 7836
***Schefflera octophylla,*** vegetation types 6471
***Schima khasiana***
improvement planting 1975
planting 1975
site preparation 1975
***Schima superba***
mixtures 5718
photosynthesis 4350
soil biology 5718
vegetation types 6471
***Schima wallichii***
plant water relations 2179
synecology 3804
***Schinus molle***
acclimatization 3801
insect pests, *Calophysa* 3893
USA, California 3801
***Schinus terebinthifolius***
extractives 3696
flavonoids 1073
insect pests, *Blepharida* 1073
***Schizostachyum annulatum,*** taxonomy 939
***Schizostachyum blumii***
silviculture 3487
vegetative propagation 3487
***Schleichera oleosa,*** vegetation types 2303
***Schleichera trijuga,*** synecology 5183
***Schleinitzia novo-guinensis,*** nurse trees 3473
***Scirrhia acicola*** (*see Mycosphaerella dearnessii)*
***Scirrhia pini*** (*see Mycosphaerella pini)*
***Sciurus carolinensis*** 538, 5349
***Sciurus vulgaris*** 2264, 3936, 5821
***Sclerocarya caffra,*** wood anatomy 330
***Sclerocystis cunninghamia*** 7134
***Scleroderma*** 7135
***Scleroderma aurantium*** 457
***Scleroderma dictyosporum*** 5882
***Scleroderma verrucosum*** 5882
***Scleroderris lagerbergii*** (*see Gremmeniella abietina)*
***Sclerolobium paniculatum,*** phenology 3672
***Scleronema micranthum***
phenology 7924
stand characteristics 7924
***Scolopax minor*** 2117
**Scolytidae** 1672, 4484, 5949, 5951, 7223, 7225, 7227-7228, 8060
***Scolytoplatypus shogun*** 8004
***Scolytus gretshkini*** 8060
***Scolytus intricatus*** 5950
***Scolytus jaroshevskii*** 8060
***Scolytus kirschi*** 8060
***Scolytus multistriatus*** 3056, 4490, 7168
***Scolytus rugulosus*** 8060
***Scolytus scolytus*** 3056
***Scolytus ventralis*** 1070, 2433
**Scrub** (*see* Vegetation types, scrub)
***Scytalidium uredinicola*** 5281
**Scytopetalaceae,** taxonomy 5031
***Scytopetalum***
taxonomy 5031
wood anatomy 5031
**Secondary forests** 563, 743, 3608, 5462, 6687, 6818, 8152
***Securinega flexuosa***
multipurpose trees 3339
nurse trees 3473
silvicultural characters 4068
social forestry 4068
Vanuatu 3339
**Seed years** (*see* Seeds, periodicity)
**Seedlings**
anatomy 262, 1477, 1482, 1485
chemistry 5582, 7000
competition 123
computer techniques 6686
damage 124, 233
diseases 475, 1631, 1635, 2385, 2403, 3862, 3865, 3881-3882, 3885, 4429-4430, 4763, 5268-5269, 5277, 5885, 5907, 7143-7144, 7995, 7999-8000
(*see also Phytophthora cinnamomi)*
equipment 4622
fertilizers 86, 123, 263, 654, 1264, 2825, 6775
growth 7485
*Abies* 123, 2788
*Acacia* 802, 2190, 3826, 5564, 6775
*Aesculus* 6397
*Betula* 5013
*Bombax* 5242
*Buddleja* 4704
*Calamus* 2026
*Castanea* 4083
*Casuarina* 802, 7488
*Ceiba* 802
*Cunninghamia* 625
*Eucalyptus* 802, 3415, 7690
*Fagus* 1228, 5655, 6397
*Fraxinus* 3749
*Gliricidia* 5876
*Leucaena* 266, 3861, 6351
*Peltophorum* 7906
*Picea* 124, 3072, 6126
*Pinus* 124, 263, 1981, 2835, 3072, 3413, 3598, 3826, 4029, 6940, 7000, 7526
*Pseudotsuga* 2788
*Quercus* 6397
*Santalum* 3427, 7491
*Sesbania* 5565
*Shorea* 3571
*Terminalia* 308
**Seedlings** *cont.*
growth *cont.*
*Tsuga* 2380, 2788, 7889
identification 2278, 3785, 7824-7825
light 233, 239, 1979, 2645, 2666, 2776, 5815, 6217, 6786, 7526, 7889
measurement 2649
methodology 679
morphology 262, 892, 1478, 2190, 2278, 3432, 3785, 4114, 5008, 5582, 5780, 6395, 7491, 7824-7825, 7889, 7906
mortality 124, 399, 625, 679, 802, 1264, 1631, 1951, 1978, 2380, 2478, 3021, 3413, 3432, 4112, 4115, 5366, 5528, 5580, 6217, 6786, 7079, 7491
mycorrhizas 2122, 2380, 2679, 5254, 5269
pests 2011, 2332, 2431, 2439, 2465, 3071-3072, 3905, 3915, 6579, 8074-8075
plant physiology 86, 254, 262-263, 358, 827, 1391, 2122, 2136, 2138, 2253, 2255, 2788, 2825, 2835, 2838, 3743, 3762, 4270, 5876, 6126, 6351, 6940, 7000, 7672, 7884, 7889
protection 1979, 2678
statistical methods 4029
thermal properties 2092
vivipary 1482
**Seeds**
anatomy 1225, 2875, 4089, 7903
bibliographies 1236, 1815, 2575, 6665
chemistry 902, 1514, 1567, 2224, 2247, 2903, 4336, 7007
*Abies* 1540
*Abutilon* 7007
*Acacia* 2909
*Aesculus* 1489
*Afzelia* 1529
*Albizia* 5069
*Avicennia* 4363
*Azadirachta* 2905-2906, 3701, 7032, 7263
*Bauhinia* 5043
*Bruguiera* 4363
*Caloncoba* 1496
*Camptotheca* 6406
*Caryocar* 3728
*Castanospermum* 7872
*Ceriops* 4363
*Delonix* 6411
*Dipteryx* 2922
*Ekebergia* 7873
*Fagus* 3726-3727
*Ginkgo* 6408
*Horsfieldia* 1491
*Hydnocarpus* 1496
*Jatropha* 7838
*Laburnum* 5082
*Liriodendron* 7037
*Maesopsis* 2245
*Melia* 3921
*Monodora* 7856
*Nyctanthes* 7023
*Olea* 5068
*Otoba* 2919
*Picea* 354, 1229-1230
*Pinus* 342, 354, 3751, 7038
*Prosopis* 2908
*Quercus* 1085, 1541, 1543, 3623
*Rhizophora* 4363
*Santalum* 345, 7041
*Tamarindus* 7835
*Zanthoxylum* 7847
computer techniques 23
conferences 586, 590, 3274
damage 7063
diseases 448, 474, 2386, 3368, 5907, 6158, 6739, 7143, 7145-7146, 7997, 8078
drying 4697, 6728
economics 7666
edible species 342, 1489, 2224, 6832, 7588, 7835
equipment 2626
fodder 2908
forecasting 1222

**Seeds** *cont.*
growth regulators 60, 65, 3742, 3749, 4717, 5798
handling 633, 1223, 1888, 2626, 5540
irradiation 1878, 1897, 1902, 1909, 7491
machinery 1894, 7495
marking 5538
measurement 63, 1901, 1903, 3365, 4719, 6144
methodology 630, 1229, 1881, 1884, 1897, 4084, 4626, 4700
morphology 1225, 1869, 1903, 2190, 3365, 6392, 7462, 7485
periodicity 1235, 4362, 6435, 7287
pests 7, 2418, 6739, 6750, 7063, 8078
*Abies* 3069
*Acacia* 2437, 7233
*Casuarina* 3065
*Eucalyptus* 1224, 3065
*Fagus* 4362
*Larix* 7266
Leguminosae 5319
*Leptospermum* 3065
*Leucaena* 6570
*Picea* 522
*Pinus* 507, 3372, 8041
*Pseudotsuga* 2332, 3148, 8084
*Quercus* 3112, 5938
plant physiology 64, 372, 1224, 1232, 1567, 1873, 1883, 2261, 2950, 3362, 3750, 6419-6420, 6439, 7884
processing 633, 1894-1896, 3369, 4124, 5378, 5540, 6153, 6672, 6706, 6745, 7495
quality 374, 630, 1224, 1229-1230, 1875, 1884, 1897, 2624, 2631, 4370, 4700, 4710, 5538, 6672, 6726, 6729-6734, 6737, 6741, 7479
research 5540
reviews 1236, 1883, 2621, 3355, 6743
ripening 1895, 2629, 4701
seed banks 122, 634, 1883, 2002, 4135, 4714, 4785, 5208, 6392
seed certification 585, 7455
seed collection 68, 1223, 1235, 1888, 1891-1892, 1899, 2624, 2632, 3039, 3366, 3369, 3371, 4065, 4088, 4090, 4703, 6112, 6142, 6147-6151, 6265, 6722, 6750, 6823, 7485, 7487, 7495-7496, 7580
seed dispersal 151, 376, 1012, 1028, 1580-1581, 1836, 2264, 2971, 3002, 3764-3765, 4324, 4357, 4394, 4626, 5127, 5129, 5132, 5354, 5821-5824, 6392, 6439, 6990, 7062, 7485
seed germination 1226, 1904, 3374, 4084, 4088, 4396, 5187, 5378, 6140, 6672, 6742, 7485
*Abies* 276, 630
*Acacia* 636, 1225, 1234, 1869, 1892, 1901, 1906, 1909, 2190, 2622, 3826, 4706, 4711, 5579, 6725, 6727
*Acer* 1227
*Aesculus* 2644, 4705
*Ailanthus* 6753
*Albizia* 63
*Amelanchier* 7061
*Anogeissus* 6726, 7492
*Araucaria* 4085
*Arenga* 6722
*Azadirachta* 1896, 4703
*Bambusa* 4699
*Bauhinia* 1957
*Belotia* 634
*Betula* 151
*Bombax* 4709, 5242
*Buchanania* 7492
*Buddleja* 4704
*Calamus* 2218, 2713-2714
*Campnosperma* 3369
*Camptotheca* 6752
*Carica* 634
*Carissa* 5537
*Carya* 6731
*Cassia* 1876, 1890, 7490

**Seeds** *cont.*
seed germination *cont.*
*Castanea* 4083
*Casuarina* 1891, 7487-7488
*Cecropia* 1883
*Cedrela* 3370, 7474
*Cinnamomum* 6145
*Cryptomeria* 399
*Cupressus* 6737
*Cycas* 4715
*Dalbergia* 4709, 5544, 7959
*Davidia* 3236
*Dendrocalamus* 6144
*Dichrostachys* 1900
*Dipteryx* 7493
*Dobera* 6741
*Elaeagnus* 637
*Embothrium* 7476
*Enterolobium* 1581
*Erythrina* 4709, 6419
*Eucalyptus* 61, 662, 1224, 1949, 5798
*Eupatorium* 1883
*Euterpe* 3357
Fabales 1225
*Fagus* 1228, 1231
*Fraxinus* 1233
*Gevuina* 7476-7477
*Gmelina* 1888, 3370
*Gymnocladus* 1880
*Haloxylon* 6720
*Hibiscus* 7474
*Hopea* 635
*Hovenia* 1218
*Indigofera* 2622
*Jubaea* 6744
*Juniperus* 4717, 6751, 7486
*Lagerstroemia* 7492
*Larix* 434, 4697, 5539
*Laurelia* 7475
*Leucaena* 153, 1876, 1878, 1889, 2620, 4711, 6156
*Libocedrus* 66
*Lomatia* 7476
*Maesopsis* 3356
*Mahonia* 3749
*Mallotus* (Euphorbiaceae) 3791
*Mansonia* (Sterculiaceae) 3361
*Melia* 6723-6724
*Michelia* 5543
*Myriocarpa* 634
*Nothofagus* 6157
*Paulownia* 5535
*Peltophorum* 6732
*Pentacme* 1887
*Picea* 60, 276, 354, 3368, 4115, 4698, 4702, 4713, 5539, 6153
*Pinus* 60, 62, 64, 354, 362, 631, 1021, 1881, 1886, 1895, 1903, 1908-1909, 2630, 3368, 3413, 3742, 3749-3751, 3826, 4115, 4697-4698, 4713, 4719, 5539, 6729, 6731, 6734, 6748, 6796, 7474
*Piper* 634, 1883
*Podocarpus* 2205, 4091, 6741
*Polyscias* 6741
*Populus* 6142-6143
*Prosopis* 4707
*Prunus* 2628, 6741
*Pyrus* 4709
*Quercus* 1874, 2624, 2645, 4145, 4709, 6731, 6784
*Rhus* 629, 1907
*Robinia* 1902
*Santalum* 1905, 6728, 7491
*Sassafras* 67
*Sesbania* 5541
*Shorea* 635, 1882, 1899, 7496
*Solanum* 634
*Sorbus* 6141
*Swietenia* 3370, 7474
*Taxus* 6749
*Tectona* 3370, 5240, 7489
*Terminalia* 3370
*Tetrapleura* 2619, 7484
*Trema* 634, 1883
*Trochodendron* 6747
*Urera* 1883
*Vangueria* 3363
*Viburnum* 3749

**Seeds** *cont.*
seed germination *cont.*
*Vitex* 6741
*Washingtonia* 6420
seed moisture 635, 1224-1225, 3360, 3374, 4085, 4702, 4706, 4709
seed orchards 23, 4716
*Araucaria* 4090
conferences 4618
*Cordia* 3843
*Cryptomeria* 1221
*Cunninghamia* 1872, 7666
*Eucalyptus* 4422
*Larix* 7266
*Picea* 69, 374, 3048, 4730
*Pinus* 632, 1021, 1879, 3367, 4086, 4708, 5816, 6155, 6495, 6823, 7483
*Prunus* 7494
*Pseudotsuga* 3373, 5237, 7977
*Quercus* 5524
*Tectona* 3039
seed predation 368, 1291, 2971, 3112, 4362-4363, 5127, 5577, 6004, 7909
seed production 59, 151, 362, 371-372, 374, 1977, 2221, 2471, 3039, 3423, 3767, 3834, 4090, 4359, 4712, 4718, 5125, 5815, 6331, 6435, 6504, 6672, 6692, 6832, 7063-7064, 7478
seed sources 628, 1898, 2623, 3039, 3366, 3830, 4416, 4422, 6112, 6147-6149, 6151-6152, 6692, 6738
seed treatment 1904, 2626, 3374, 6750
*Acacia* 636, 1225, 1234, 1892, 1901, 1906, 2622, 4706, 4711, 6725, 6727
*Acer* 1227, 6154
*Ailanthus* 6753
*Araucaria* 4090
*Arenga* 6722
*Bambusa* 4699
*Camptotheca* 6752
*Carissa* 5537
*Carpinus* 6721
*Carya* 6731
*Cassia* 1876, 1890, 7490
*Cedrela* 3370
*Cinnamomum* 6145
*Cupressus* 6737
*Davidia* 3236
*Dendrocalamus* 6144
*Dichrostachys* 1900
*Dipteryx* 7493
*Dobera* 6741
*Elaeagnus* 637, 6746
*Embothrium* 7476
*Eucalyptus* 1224, 1949
*Euterpe* 3357
Fabales 1225
*Fagus* 1231
*Gevuina* 7476-7477
*Gmelina* 3370
*Gymnocladus* 1880
*Hovenia* 1218
*Indigofera* 2622
*Juniperus* 4717, 6751, 7486
*Larix* 4697, 5539
*Laurelia* 7475
*Leucaena* 153, 1876, 1889, 2620, 4711, 6156, 6510
*Lomatia* 7476
*Maesopsis* 3356
*Melia* 6723-6724
*Nothofagus* 6157
*Paulownia* 5535
*Peltophorum* 6732
*Picea* 3368, 4698, 4713, 5539, 6771, 7050
*Pinus* 62, 631, 1886, 2627, 3368, 4087, 4697-4698, 4713, 5539, 6731, 7050, 7997
*Podocarpus* 6741
*Polyscias* 6741
*Populus* 6143
*Prosopis* 4707
*Prunus* 2625, 2628, 6741, 7480, 7482
*Pseudotsuga* 2627
*Quercus* 6731, 7481

**Seeds** *cont.*
seed treatment *cont.*
*Rhus* 629, 1907
*Robinia* 5907
*Santalum* 6728
*Sassafras* 67
*Sesbania* 5541
*Sorbus* 6141
*Swietenia* 3370
*Tectona* 3370, 5240, 6743, 7489
*Terminalia* 3370
*Tetrapleura* 2619, 7484
*Tilia* 1232
*Vangueria* 3363
*Vitex* 6741
seed trees 6146
simulation 1836
statistical methods 3373, 6730, 6736
storage 1223, 2386, 3364, 5545, 6156, 6672, 6736, 6750, 7485, 7488, 7490, 7968, 8078
*Acacia* 1225
*Acer* 1893
*Amburana* 3359
*Araucaria* 4085, 4090
*Archontophoenix* 3359
*Arenga* 6722
*Azadirachta* 1896, 4703
*Bambusa* 4699
*Belotia* 634
*Caesalpinia* 3359
*Campnosperma* 3369
*Carica* 634
*Carpinus* 6721
*Cassia* 1890
*Casuarina* 1891
*Cedrela* 3359
*Chamaecyparis* 1220
*Copaifera* 3359
*Cunninghamia* 1220
*Dalbergia* 5544
*Dendrocalamus* 6144, 6735
*Dobera* 6741
*Eucalyptus* 1224
*Euterpe* 3358
Fabales 1225
*Fagus* 1228, 1231
*Hopea* 635
*Kielmeyera* 3360
*Leucaena* 1889, 2620
*Libocedrus* 1220
*Mansonia* (Sterculiaceae) 3361
*Melia* 6723
*Michelia* 5543
*Myriocarpa* 634
*Pentacme* 1887
*Pinus* 1895, 4089, 6158
*Piper* 634
*Podocarpus* 6741
*Polyscias* 6741
*Prunus* 6741
*Santalum* 6728
*Shorea* 635, 1899
*Solanum* 634
*Swietenia* 5542
*Tabebuia* 3359
*Taiwania* 1220
*Taxus* 6749
*Terminalia* 5542
*Trema* 634
*Ulmus* 5542
*Vitex* 6741
trade 1898, 2633
uses 342, 345, 2224, 2245, 5043, 5068, 5691, 5859, 7838
(*see also* Nuts)
variation 63, 1230, 1869, 1905, 3845, 5240, 5242, 5815, 5859, 7971
weight 63, 1021, 1885, 1905, 1957, 3365, 3374, 4083, 4706, 4719, 5242, 6392, 6784, 7462, 7906
***Seiridium cardinale*** 1057, 2394, 5278, 5895
***Seiridium cupressi*** 2394
***Seiridium unicorne*** 5278
**Selection forests** 3527
**Selection system** (*see* Silvicultural systems, selection)
***Semanotus japonica*** 6563
***Semanotus sinoauster*** 4512
***Semecarpus anacardium,*** wood anatomy 3682
***Semiothisa alternaria*** 5945
**Senegal**
*Acacia bussei* 1349
agroforestry 562
*Casuarina equisetifolia* 2372
Palmae 562
remote sensing 6460
**Senescence** 3740, 5793, 6950, 7887
***Senna,*** taxonomy 5147
***Senna atomaria***
foliage 7726
plant composition 7726
***Septoria cornicola*** 6519
***Septoria populi*** 2399
***Sequoia gigantea*** (*see Sequoiadendron giganteum)*
***Sequoia sempervirens***
biotechnology 6166
cell culture 6166
choice of species 4696
clones 4129
competition 3820
early selection 4129
forest ecology 1635
forest litter 4928
fungal diseases, *Gibberella* 2390
inheritance 5228
intensive silviculture 4129
juvenility 4129
logging 3820
natural regeneration 3820
site class assessment 2721
stand characteristics 5184
synecology 5184
underwood 3820
***Sequoiadendron giganteum***
acid rain 2144
air pollution 2144
arboreta 3337
exotics 3337
forest litter 2109-2110
fungal diseases, *Gibberella* 2390
German Federal Republic 2614, 3468, 6078
juvenility 5797
plant composition 2144
proteins 5797
reviews 3468
seeds 7968
species trials 3337
***Serica brunnea*** 8057
***Sericothrips tiliae*** 5303
***Serpula lacrimans*** 5712
***Serratia marcescens*** 3137
***Sesarma*** 8074
***Sesbania***
agroforestry 1740
biochemistry 1569
foliage 7593
green manures 7593
***Sesbania bispinosa***
agroforestry 3210
foliage 5627, 5629
green manures 3484, 5627, 5629
salt tolerance 5541
seed germination 5541
seed treatment 5541
species trials 3210
***Sesbania formosa***
fodder 7467
species trials 7467
***Sesbania grandiflora***
agroforestry 1118, 3186, 3210, 5396, 6624
biomass 1318, 3331
browse 1691
fodder 7467
foliage 1318
fuelwood 3331
increment 7468
Indonesia 3331
insect pests 2418
*Heteropsylla* 6541
multipurpose trees 7468
pruning 1318
root nodules 5565
seedlings 5565
seeds 2418
shelterbelts 2173
***Sesbania grandiflora*** *cont.*
species trials 3210, 3331, 7467-7468
***Sesbania punicea***
biological control 1072
control 4493
insect pests, *Trichapion* 1072, 4493
***Sesbania sesban***
agroforestry 3200, 3210, 5396-5397, 6624, 6629
arid regions 5727-5728
bark 2189
browse 1691
fertilizers 3200, 5397
fodder 4822, 5337, 7467, 7595
medicinal plants 2189
photosynthesis 5727
species trials 3210, 7467
water stress 5727-5728
***Sesia tibialis*** 5300
***Setosphaeria rostrata*** 7995
***Setothosia asigna*** 3062
**Sex** 5120, 5658, 7904
plant organs 3768
**Seychelles,** flora 947
**Shade trees** 560, 1420, 1438, 1440-1441, 1733, 3172, 3972, 3974-3978, 4544, 4548, 5384, 5407, 5912, 5932, 6484, 6649, 7254, 7256, 7336, 8131, 8144, 8146, 8153
**Sheep** 1997, 5597, 5991, 6036-6038, 6046, 7347, 8161
**Shelterbelts** (*see also* Wind, shelterbelts)
*Acacia* 4533, 5376
*Acer* 6616
Africa 4891
*Albizia* 5376, 7338
*Alnus* 3335, 5402
*Avicennia* 3953
*Betula* 6616, 7311
Brazil 8122
*Bruguiera* 3953
*Calliandra* 5376
Cameroon 8150
*Caragana* 6614
*Casuarina* 5376
*Celtis* 5376
*Ceriops* 3953
China 4546, 5377
Guangdong 7310
*Commiphora* 2517
conferences 1825
conifers 6613
*Cornus* 6614
crops 1110, 2173, 2501, 2507, 2511, 3174, 3197, 5402, 7310-7311, 7338, 8122
*Cryptomeria* 1108
damage 447
diseases 2401
ecology 35, 2504-2505, 2511, 6527
economics 2086, 6012, 6015
energy consumption 2503
*Eucalyptus* 4533, 7338
German Democratic Republic 2755
*Grevillea* 8122
growth 447, 3952, 6013-6014, 6613-6615
*Hibiscus* 5376
India, Haryana 2173
*Kandelia* 6248
Korea Republic 1108
*Larix* 3952
*Leucaena* 5376, 7338
livestock 2502, 2511
*Malus* 6614
microclimate 2173, 2499-2500, 4533-4534, 7311, 8122
*Morus* 7338
New Zealand 6012-6015, 6041
Norway 3335
Pakistan 7338
pests 2412-2413, 2508, 6616, 7259
Philippines 3953
*Physocarpus* 6614
*Pinus* 6012-6015
planning 1109, 2496, 2501-2502, 2506-2507, 2517-2518, 2524, 3950, 4534, 6012, 6015
Poland 2859
*Populus* 2755, 7259
*Prosopis* 684

**Shelterbelts** *cont.*
*Prunus* 6614
*Quercus* 6616
research 552, 3949, 6041
reviews 2500, 2512-2515
*Rhizophora* 3953
*Sesbania* 2173
silviculture 1110, 1207, 2401, 2496-2498, 2501, 2507, 2509-2510, 2512-2515, 3197, 3950, 3952-3953, 4533, 5376, 6012-6013, 6015, 6614-6616, 8121
reviews 2516
simulation 5377, 6016
soil 2858-2859, 3169, 7311, 8122
Somalia 2517-2518, 3198
*Sonneratia* 3953
Sudan 684
*Syringa* 6614
theory 1109
Tunisia 4533
*Ulmus* 6615
USA, Wisconsin 6613-6614
USSR 3949, 6616
Azerbaidzhan SSR 3173
RSFSR 6615
Siberia 3952
Ukrainian SSR 7259, 8121
*Xylocarpus* 3953
**Shelterwood system** (*see* Silvicultural systems, shelterwood)
***Shepherdia argentea***
lime 3176
mine spoil 3176
nitrogen fixation 5255
root nodules 5255
***Shepherdia canadensis,*** palaeoecology 2999
***Shibataea kumasaca,*** fertilizers 7520
**Shifting cultivation** 770, 2535, 2538, 2540, 2544, 4554
(*see also* Agroforestry)
Africa 3191
Asia 1741
books 5451, 5453
Brazil 204, 4998
China, Guangdong 5392
Colombia 7332
India 5451
Meghalaya 1783, 3671
Nagaland 1783
Indonesia 5391
Japan 1126
Latin America 3182
Panama 3182
Papua New Guinea 563
Peru 1734, 1767, 5453, 7344-7345, 8143, 8152
Philippines 3994, 6026
reviews 8143
Sabah 1757
Sarawak 3190, 3822
Sierra Leone 4555
simulation 1755, 4549, 4636
Sudan 1755
Tropics 204
Venezuela 4943
Zaire 4549
Zambia 1764
***Shiia*** (*see Castanopsis*)
**Shoots**
development 7827
*Acacia* 2216
*Acer* 2966
*Anogeissus* 2214
*Araucaria* 6400
*Betula* 4360
*Crataegus* 6391
*Cunninghamia* 4349
*Dacrycarpus* 6395
*Dacrydium* 6395
*Fagus* 2966, 6377, 7895
*Fraxinus* 2966
*Larix* 2878
*Morus* 5005
*Picea* 3455, 6378-6380
*Pinus* 1479, 2966, 5088, 7806
*Podocarpus* 6395
*Prumnopitys* 6395
*Quercus* 2966, 6377
*Rhizophora* 5008

**Shoots** *cont.*
development *cont.*
*Vaccinium* 2702
***Shorea***
economics 3300
Malaysia 3300
natural regeneration 1287, 1971-1972
seedlings 7825
silviculture 4172
synecology 1287
taxonomy 6449
vegetation types 4172
volume tables 2043-2044, 7616
***Shorea acuminata,*** seedlings 7824
***Shorea almon,*** light 233
***Shorea bracteolata***
mycorrhizas 1045
seedlings 7824
***Shorea compressa,*** mycorrhizas 7991
***Shorea confusa,*** seedlings 7824
***Shorea curtisii,*** mycorrhizas 1045
***Shorea ferruginea,*** seedlings 7825
***Shorea hopeifolia,*** seedlings 2278, 7824-7825
***Shorea javanica***
fungal diseases
*Fusarium* 5266
*Gibberella* 5266
light 3571
seedlings 3571
***Shorea johorensis***
seedlings 7824
synecology 7946
***Shorea laevis***
crown 3675
seedlings 7825
stem form 3675
synecology 7946
***Shorea lepidota,*** seedlings 3785, 7824
***Shorea leprosula***
fungal diseases, *Fusarium* 5266
mycorrhizas 1045
seedlings 2278, 7824
vegetation types 2483
wood chemistry 4341
***Shorea leptocladus,*** seedlings 2278
***Shorea macrophylla,*** mycorrhizas 1049
***Shorea macroptera,*** seedlings 3785, 7824
***Shorea multiflora,*** seedlings 7824
***Shorea negrosensis***
Philippines 677
planting stock 677
***Shorea ovalis***
fruit 1882
planting 1988
seed germination 1882
seedlings 2278, 3785, 7824
***Shorea parvifolia***
mycorrhizas 7136
seedlings 2278, 3785, 7824-7825
synecology 2294
***Shorea pauciflora,*** seedlings 7825
***Shorea pilosa,*** seedlings 7825
***Shorea pinanga***
fungal diseases
*Fusarium* 5266
*Nectria* 5266
mycorrhizas 7991
seed collection 7496
seed germination 7496
seedlings 7825
***Shorea platyclados***
fungicides 1272
growth regulators 1272
nurseries 1272
planting stock 1272
wood chemistry 4341
***Shorea polyandra***
natural regeneration 7536
synecology 2294
***Shorea polysperma***
light 233
Philippines 677
planting stock 677
***Shorea robusta***
agroforestry 6484
allelopathy 6484
bark 2208
biomass 2048, 4859
cycling 4859, 7706
energy relations 4859

***Shorea robusta*** *cont.*
foliage 1444, 1495
forest influences 865, 1444, 6971
forest litter 246, 807, 4922, 5714, 6926, 7706
growth regulators 1495
humus 1444
insect pests, *Trabala* 8037
medicinal plants 2208
natural regeneration 2301
phenology 304
shade trees 6484
soil chemistry 865, 1444, 4929, 6971
soil types 4929
vegetation types 2302
***Shorea roxburghii***
embryo culture 3380
insect pests 2418
seed collection 1899
seed germination 1899
seeds 635, 1899, 2418
***Shorea selanica,*** wood chemistry 4341
***Shorea seminis,*** fungal diseases, *Fusarium* 5266
***Shorea squamata***
Philippines 677
planting stock 677
***Shorea stenoptera***
mycorrhizas 7991
seed collection 7496
seed germination 7496
stand characteristics 3806
synecology 3806
***Shorea uliginosa,*** seedlings 7825
**Shrews** 3112
**Shrubs** (*see* Woody plants)
**Sierra Leone**
agroforestry 6056
climate 4246
deforestation 4555, 7321
fuelwood 7321
geology 4246
green manures 6056
land use 2544
relief 4246
remote sensing 6460
shifting cultivation 2544, 4555
social forestry 7321
soil conservation 2544
soil types 4246
vegetation types 4246
**Silica** 1469
**Silkworms** 4823-4824, 5633, 7113, 7404
***Silliana lhommei*** 8069
**SilvaSat seed cleaner** 7495
**Silvicultural characters** 878, 1456, 2196, 2713-2714, 2727, 2737, 2872, 3673, 4173, 4320, 4813, 5773, 6266, 6384, 7579
**Silvicultural conversion** 107, 1280, 2695, 2988, 3233, 3528, 3821, 4162-4163, 4220, 5615-5616, 5621, 6000, 6237, 6245, 6781, 6826, 6861, 7575
(*see also* Coppice, conversion)
**Silvicultural systems**
books 1141-1142, 2571, 5457
clear felling 106, 2071, 3424, 3944, 6208, 6779, 6788, 6807, 7667
(*see also* Clear felling)
clear strip felling 115, 6782, 6788
ecology 1106, 3944, 5220, 6602, 7290
economics 106, 2693, 3567, 5568, 7532, 7667
group fellings 109, 4768, 5569, 5615
hydrology 1701, 2664, 3943
logging 2071, 6602, 6807
management 1106, 2071, 2664, 3567
reviews 1963
selection 109, 171, 1141-1142, 1279, 2692-2693, 3421, 4126-4127, 5568-5570, 5576, 6208
selective felling 106, 110, 698, 731, 3424, 6602, 6783, 7783
shelterwood 111, 786, 1285, 1963-1964, 2661, 2663, 3944, 4199, 5220, 5569, 6208, 6807, 7532, 7702
soil 2664
**Silviculture** 5514
(*see also* particular operation concerned, e.g. Cleaning; Improvement fellings; Planting; Thinning)

*Abies alba* 6376
*Abies amabilis* 3466
*Abies lasiocarpa* 6819
*Acacia* 1820
*Acacia albida* 5769
*Acacia auriculiformis* 5770
*Acacia mangium* 3469, 4072, 6985
*Acacia melanoxylon* 1821
*Acacia nilotica* 1352
*Agathis labillardierii* 3467
*Agathis robusta* 3467
*Albizia falcataria* 3327
*Aleurites montana* 2344
*Alnus hirsuta* 3419
*Anthocephalus chinensis* 3327
*Aquilaria agallocha* 4817
*Araucaria cunninghamii* 2618
*Azadirachta indica* 2696
*Bambusa* 3487
*Bambusa vulgaris* 3487
*Betula pubescens* 1288
*Betula tortuosa* 702
books 5457
broadleaves 4606, 5477
*Calamus* 2714
*Calliandra calothyrsus* 5772
Canada, British Columbia 3466
*Casuarina* 1820
Central America 699
*Chamaecytisus palmensis* 6984
China, Heilongjiang 6818
conferences 589, 4606, 6084
*Cordeauxia edulis* 6262
*Cordia alliodora* 4171
Costa Rica 7537
*Cunninghamia lanceolata* 107, 5614
*Dendrocalamus asper* 3487
Dipterocarpaceae 1987
*Dipterocarpus* 4172
ecology 5594, 5725, 5753, 7537
economics 1382, 1384, 3466, 3570, 5692, 6204, 6309, 7530
*Endospermum peltatum* 3327
*Eucalyptus* 152, 1278, 1820, 4810
*Eucalyptus deglupta* 3327, 3469
*Eucalyptus regnans* 5522
*Eusideroxylon zwageri* 3227
*Fagus sylvatica* 3471, 4167, 4803, 5621
Finland 649, 4023
*Fraxinus nigra* 4813
*Gigantochloa apus* 3487
*Gliricidia sepium* 5004
*Gmelina arborea* 3327
history 1176, 4681
Hungary 4681, 5621
India 589, 4677
  Himachal Pradesh 5378
  Uttar Pradesh 5378
intensive silviculture 107, 649, 1052, 1260, 1278, 1382, 1812, 2419, 2594, 2604, 2662, 3340, 3419, 3613, 4128, 4201, 4280, 4677, 4765-4766, 6125, 6203-6205, 6314, 6350, 6780, 6859-6860, 7469, 7530-7531
Irish Republic 4606
*Juglans nigra* 1821, 4811
*Kandelia candel* 6248
*Leucaena diversifolia* 3348
*Leucaena leucocephala* 153, 1323, 3348
Malaysia 4172
*Mimosa scabrella* 6987
*Moringa oleifera* 3474
New Zealand 1821
*Picea engelmannii* 6819
*Picea glauca* 3466
*Pinus albicaulis* 5773
*Pinus caribaea* 1762
*Pinus contorta* 3466
*Pinus kesiya* 135
*Pinus massoniana* 2695
*Pinus sylvestris* 701
*Podocarpus totara* 4809
*Polyscias nodosa* 3352
*Populus* 2697, 4169-4170, 5725
*Populus* 'D-01' 6244
*Populus deltoides* × *P. trichocarpa* 6244
*Populus tremula* 1312
*Prosopis juliflora* 1769
*Prosopis pallida* 6986
*Prunus avium* 4173, 4812, 6381, 7577-7581
*Pseudotsuga menziesii* 2578, 3466, 4164, 5618
*Quercus petraea* 3470, 4168
*Quercus robur* 3470, 7575
*Quercus rubra* 4166
*Quercus serrata* 4687
research 589, 4677
reviews 1607
*Rhizophora mucronata* 5594
*Robinia pseudoacacia* 5003
*Salix* 649, 5725, 6125, 6204
*Sapium sebiferum* 6205
*Schizostachyum blumii* 3487
*Shorea* 4172
simulation 1812
*Swietenia macrophylla* 6390
Switzerland 1176
*Tectona grandis* 3354
*Tsuga heterophylla* 1311, 3466
USA 5619
USSR, Byelorussian SSR 7575
Yugoslavia 4653
***Simplocaria semistriata*** 8021
**Simulation**
acid rain 6956
agroforestry 1170, 1770, 1791, 3192, 3207, 3972, 5484-5486, 6636, 7333, 7336, 8139
air pollution 6096
amenity value of forests 1133, 4006
angle count 5679
*Armillaria* 8003
atmosphere 4900
basal area 2036
biomass 195-196, 2739-2740
books 6658
browsing damage 3940
canopy 2
carbon dioxide enrichment 4961
*Castor canadensis* 3940
*Choristoneura fumiferana* 3284
Christmas trees 2019-2020
clear felling 3942
climate 1143, 4541
competition 7417
controlled burning 2869, 7791, 7958
crown 3675
cycling 780, 3004, 3613, 3972, 5715, 5753, 6350
dead trees 1330
defoliation 7179
deforestation 4541
diameter 2040, 6273, 7415
dieback 2582, 2841, 3756, 4288, 4636, 6100
dormancy 876
economics 1812, 1846, 2020, 2323, 2526, 2772, 3567, 4017, 4032, 4241, 4563, 5610, 6098
energy relations 4633
erosion 5375
evaporation 2089, 2491
evapotranspiration 4031, 4961, 5086
*Fagus crenata* 2045
fertilizers 141, 5609, 5670
fire suppression 7789
foliage 2201
forest fires 868, 2182, 3285, 4307, 4309, 4634, 4995, 4998, 6974-6975, 6980, 7787, 7958
forest influences 3655, 3662, 4986
forest inventories 2582, 4030, 5669, 6891-6892
forest management 1133, 1155, 1365, 1837, 1839, 2068, 2772, 3546, 4017, 4032, 4519, 5669, 6874, 6876, 6880, 7418, 7641
forest policy 1846
forest resources 20, 4017, 5496
fuelwood 664
genetics 1033, 1613
grazing 4519
growing stock 5669
height 171, 7416
hydrology 291, 549, 1102, 1104, 2491, 4937, 6608-6609, 7301, 7306
increment 21-22, 25, 194, 740, 753, 1812, 1838, 2045, 2049, 2734-2735, 2738, 2741, 2841, 4031, 4037, 4863, 5654, 5704, 6867, 6880, 7414, 7626, 7628-7629
insect pests 3087, 4032, 5953, 7179
insecticides 528
land use 20, 4549, 6606, 6876
landscape 1133, 4006, 4030
light 4899
marking 6880
mechanization 5501
mensuration 4017
microclimate 4900
mycorrhizas 461
nitrogen fixation 360
nurseries 3240-3241
operations research 5511
palaeoecology 429
*Phellinus weirii* 8003
photosynthesis 21, 4035, 6424
plant succession 429, 1009, 3004, 3288, 4862, 6479, 7958
plant water relations 1812, 2822, 4935, 6340
pollen 1836
precipitation 775, 2089, 2491
protection forests 6606
pruning 5609
remote sensing 2081, 3559
respiration 21
roads 7646
root and butt rots 8003
roots 4319
rotations 202, 2069
runoff 7306
*Salix* 1812
sap flow 4935
seed dispersal 5824
seeds 1836
shade trees 7336
shelterbelts 5377, 6016
shifting cultivation 1755, 4549, 4636
silviculture 1812
site class assessment 5661-5662
snow 2485, 7677
soil chemistry 1170, 2100
soil fertility 1170
soil formation 2798
soil water 6340, 7685-7686
soil water balance 4934, 5372
stand characteristics 22, 138, 146, 213, 1838, 2318, 2718, 2735, 3284, 3287, 3559, 4030, 4374, 4635, 4801, 4862, 5194, 5606, 6479, 7414, 7417, 7566, 7677
stand tables 1340
stem form 2, 2582, 3675
stemflow 5371
stomata 5086
sustainable land use 4636
synecology 955-956, 3286, 6658
thinning 138, 141, 1838, 2003, 2046, 2735, 4149, 5606, 5670, 7413-7414
throughfall 2089, 5371
transpiration 261, 2491, 4934
tree breeding 2327, 3835
vegetation types 2798, 3004-3005, 3286
volume determination 4873, 6891
volume tables 176-177, 2041
waterlogging 2798
watersheds 5375, 6608
wildlife 1839, 6593
wind damage 3284, 7677
wood density 5245
yield forecasting 20, 146, 202, 544, 749, 753, 755, 757, 1358, 2064, 2746-2748, 4024, 5487, 5668-5670, 6097, 6285, 6866, 7336
yield regulation 5606, 7413
yield tables 198
***Sinarundinaria,*** taxonomy 3770
***Sinarundinaria longiuscula,*** taxonomy 2979
***Sindora leiocarpa***
natural regeneration 7536
seedlings 3785
**Singapore**
mangroves 3589
marine fungi 3589

**Singapore** *cont.*
mycorrhizas 7136
nature conservation 5777
phenology 5777
*Shorea parvifolia* 7136
vegetation 5777
**Sinkkilä scarifier** 3434-3435, 4814
***Sinobambusa,*** taxonomy 3770
***Sinobambusa dushanensis,*** taxonomy 2980
***Sinobambusa nandanensis,*** taxonomy 2980
***Sinobambusa parvofolia,*** taxonomy 2980
***Sinobambusa tootsik,*** anatomy 163
***Sinocalamus latiflorus*** (*see Dendrocalamus latiflorus)*
***Sinoga,*** taxonomy 2269
***Siparuna dresslerana,*** plant composition 1497
***Siparuna nicaraguensis,*** wood chemistry 1497
***Siparuna patelliformis,*** plant composition 1497
***Siparuna pauciflora,*** alkaloids 3724
***Sirex*** 1434-1435
***Sirex noctilio*** 3129, 7246
***Sirococcus conigenus*** 6523
***Sirodothis*** 2362
**Site class assessment**
climate 676, 2730, 5643
conferences 15
equations 748, 751, 758, 2067, 2721, 2723-2724, 3518, 3521, 3529, 4850, 7624
increment 776, 4767
*Abies* 3521, 4854
*Acacia* 1351, 2067
*Albizia* 5656
*Betula* 4854
*Bombacopsis* 2724
*Cunninghamia* 183
*Eucalyptus* 7657
*Liquidambar* 3518
*Liriodendron* 751, 6278
*Picea* 1310, 4207, 4854
*Pinus* 191, 2723, 2757, 3530, 4202, 4850, 4856, 4861, 5661-5662
*Pseudotsuga* 3520
*Quercus* 191, 2744
*Tectona* 758, 3533
methodology 811, 814, 5653
reviews 3531
simulation 5661-5662
site factors 2730, 3518, 4767, 4864, 6276, 7542
soil 193, 251, 676, 737, 744, 751, 811, 814, 1413, 2730, 2807, 3519, 3530, 3533, 3584, 3594, 4263, 4856, 5643, 5656, 5661-5662, 5716, 6283-6284, 7542, 7620
statistical methods 3518, 3584, 4202, 6276, 6283
theory 2733, 4211
topography 676, 751, 2730, 3530, 5643, 5656, 7542
vegetation 193, 744, 1413, 3530, 3594, 4767, 4856, 4861, 4864, 6276, 7542, 7938
**Site preparation** 3437
(*see also* Direct sowing, site preparation; Stump removal)
burning 102, 129, 680, 682, 853, 867, 1010, 1975, 2681, 3268, 3946, 4402, 4774, 4997, 5207, 5572, 5584, 6049, 6704
chemical treatment 680, 706, 831, 1991, 2681, 3440, 3946, 5584, 5586, 6230, 6822
conferences 6084
damage 3644
ecology 1975, 2681, 3823, 4402, 5206, 5594, 6049, 8127
economics 2673, 4240, 5584
equipment 2701, 6825
erosion 125, 3946
machinery 704-706, 3475, 4814, 6822, 6825, 7583
mechanical methods 129, 2698, 3644, 7544
Australia, Western Australia 6717
Canada 3434-3435
British Columbia 3268, 3436, 3438, 6825
mechanical methods *cont.*
Canada *cont.*
Ontario 126, 3442, 4778, 6222-6223
Quebec 150
Saskatchewan 6800
Finland 3438, 4106, 4780, 6216, 6221, 7586
German Democratic Republic 6251
Indonesia 6049
Irish Republic 1992, 4779
Netherlands 2701
Poland 6777
Portugal 4303, 4777
South Africa 5583
Sweden 3438, 6801
Tanzania 3441
UK 4779
USA 680, 705
Georgia 831, 2681
Idaho 704, 3439
Illinois 6224
Michigan 1991
Montana 704, 4402
South Carolina 2681
Texas 1990
USSR, Byelorussian SSR 7684
**Site types**
Canada
Alberta 147
Yukon 421
China 2757, 8125
classification 964, 2757
Czechoslovakia 3789, 7558
data processing 7632
Finland 964
France 4931
German Federal Republic 7632
mapping 776, 2757, 7632
Sudan 1351
surveying 776
Switzerland 776
Turkey 5698
USA
Arkansas 4772
Georgia 831
**Skidding**
cable methods 4978
damage 2699, 3954, 4291, 4975-4976, 4978, 7533
***Skimmia arunachalensis,*** taxonomy 6445
***Skimmia kamengensis,*** taxonomy 6445
**Slash** 609, 2771, 2861, 4990, 4997, 6043-6044, 6704, 6801
(*see also* Pruning, slash)
**Slopes** 240, 2673, 6270, 7306
***Sminthopsis leucopus*** 5346
**Snow**
books 5456
chemistry 7752, 7760
conferences 4022
damage 169, 236, 551, 600, 785, 924, 1436, 2091, 2093, 3392, 4150, 4192, 4255-4256, 4769, 4797, 5113, 5456, 5601, 5605, 5636, 5702, 5804, 6787, 7558, 7677
distribution 552, 4249, 4987, 5755, 6968
ecology 414, 2280, 4255, 4797
hydrology 1704, 2485, 6909, 6968, 8117
properties 551
reviews 600
simulation 2485, 7677
thawing 2485, 4987, 6909, 6968, 7760
**Social forestry** 5505
Bangladesh 1782, 6058-6059
books 574, 4590
Botswana 6060
Brazil 8163
Burkina Faso 1159
Canada 6070
China 4546
conferences 1159, 1818
Developing Countries 597, 3323, 4650
Dominican Republic 8167
economics 597, 1765
Ethiopia 7351
Ghana 6061
India 1159, 2549, 4620, 5416
Gujarat 1765, 6062
**Social forestry** *cont.*
India *cont.*
Himachal Pradesh 1148
Madhya Pradesh 8166
Maharashtra 5417
Rajasthan 5421
Uttar Pradesh 8166
Indonesia 1159, 3967
Kenya 1159, 3217, 5420
Lesotho 6060
Malawi 6060
Namibia 6060
Nepal 1818, 2548, 4585, 5676, 6025
Pakistan 5418
Philippines 3219
research 5502
Sierra Leone 7321
Solomon Islands 4068
Somalia 574, 2550, 3178, 3218
South Africa 6060
Sri Lanka 1159, 5419
Swaziland 6060
Tropics 42
USA 4666
Illinois 4670
Nebraska 7352
Oregon 7353
Washington 7353
Vanuatu 3339
Vietnam 1785
Zambia 1784, 8164
Zimbabwe 8162, 8165
**Soil**
conferences 9
land use 2791, 3193, 4913, 5386, 7665, 8127
plant succession 3022
research 1842
soil degradation 1447, 1989, 2538, 3233, 3429, 3644, 5386, 6329, 7680
statistical methods 3584
variation 3584
**Soil air** 6284, 7810
**Soil amendments** 660, 681, 1113, 1299, 1713, 1769, 3414, 3956, 5558, 5564, 6187, 6190, 6774
**Soil biology**
algae 3827
fauna 8160
inhibitors 3827
microorganisms 2107, 2116, 2175, 3041, 3059, 5716, 6972, 7764
protozoa 3041
respiration 818, 2811, 2814, 2861, 3041, 3601, 4747, 5718, 7713
soil bacteria 2170, 2810, 3404, 3601, 3854, 4269, 4747, 5717-5718, 6933, 7994
soil fauna 2117, 2802, 3041, 3059, 3135, 3600, 3656-3657, 4268, 4933, 5717, 6333-6334, 6913, 7317, 7714-7717
(*see also* Oligochaeta)
soil fungi 1404, 1631, 2801, 2812, 3404, 4269, 4747, 5717-5719
(*see also* Mycorrhizas)
**Soil chemistry**
aluminium 244-245, 465, 812-813, 845, 2808, 2850, 3585, 3596, 3599, 3631, 3638, 4920, 4932, 5707, 6175, 6326, 7696
analysis 823, 2096, 2233, 6943, 6971, 7689
boron 800, 2794
cadmium 797, 834, 2099, 2101, 2838, 3595, 5743, 6916
calcium 242, 244, 695, 799, 813, 834, 845, 861, 865, 1400, 1445, 2828-2829, 3596, 4777, 5707, 6326, 7101, 7545, 7781-7782
carbon 808, 861, 1400, 1990, 2795-2796, 2864, 3022, 3204, 3533, 3586, 4265, 4267, 4770, 4777, 4914, 5716, 5757, 6178, 6973, 7101, 7316-7317, 7680, 7781-7782, 7786
chromium 2101
clay minerals 3008, 5119
copper 797, 800, 1418, 2101, 5743, 7689

**Soil chemistry** *cont.*
fires 871, 5716
fluorine 2115, 3597-3598
gases 2797, 2806, 2811, 7692
heavy metals 797, 817, 1566, 1953, 2101, 2809, 3585, 3595, 5687, 6916, 7739
ion exchange capacity 839, 861, 864, 1400, 2791, 2796, 2859, 3022, 3533, 3946, 4301, 4777, 4914, 7316-7317, 7781
iron 1445, 2286, 5743, 7689
leaching 1401, 2794, 2838, 3585, 3636, 5753, 6764, 7695
lead 797, 834, 2099, 2101, 3595, 5743, 6916
magnesium 242, 695, 799, 833, 845, 861, 865, 1400, 2828-2829, 3596, 4920, 6326, 6954, 7781
manganese 800, 5707, 5743, 7689, 7712
methodology 2096, 3583, 4623, 6955
mineralization 86, 196, 268, 695, 1400, 1402-1403, 2103, 2795, 3583, 4917, 5555, 6801, 6919, 7691, 7697, 7699
minerals 4929
minor elements 7689
molybdenum 800
nickel 797, 2101, 5743
nitrification 243, 267, 2103, 3585, 3601, 3636, 4269, 4787, 4917, 4919, 4943, 5709, 6325, 6914, 6919, 7691, 7697, 7699, 7712
nitrogen 267, 799, 801, 809, 1401, 1445, 2828, 2849, 3022, 5706, 5753, 6801, 6970, 7698
*Abies* 1402-1403, 3586
*Acacia* 7317
*Acer* 2103, 3586, 6919, 7699
*Alnus* 243, 3658
*Avicennia* 1399
*Betula* 6919
broadleaves 7697
*Chamaecyparis* 2829
*Cryptomeria* 2829
*Cunninghamia* 6325
*Eucalyptus* 242, 3583, 3658, 4920, 7316, 7697
*Fagus* 2103, 4267, 6914
*Fraxinus* 2103
*Gliricidia* 3204
*Joannesia* 3596
*Leucaena* 3204
*Liriodendron* 6922
*Phyllostachys* 2796
*Picea* 808, 1402, 4770, 6914
*Pinus* 871, 1400, 2175, 2795, 3586, 3596, 3601, 3658, 4265, 4267, 4744, 4917, 4920, 5555, 5717, 6764, 6922, 7545, 7691, 7699, 7712
*Populus* 3586
*Prosopis* 6973
*Pseudotsuga* 243
*Quercus* 845, 3008, 7691
*Robinia* 4265, 6922
*Tabebuia* 3596
*Tilia* 4267
*Tsuga* 268, 7699
nutrient deficiencies 798, 823, 2794, 3429, 7694
nutrients 823, 2791, 3643, 6928
*Acacia* 7317, 8160
*Celtis* 1002
*Cryptomeria* 7927
*Cunninghamia* 4266
*Eucalyptus* 811, 3966, 6971
*Joannesia* 3596
*Leucaena* 8160
*Picea* 6955
*Pinus* 831, 1400, 1421, 3596, 6178, 6764, 6969
*Platanus* 1002
*Pseudotsuga* 1421
*Quercus* 831, 1002
*Robinia* 5225, 6178
*Shorea* 6971
*Tabebuia* 3596
*Tectona* 6971
*Ulmus* 1002

**Soil chemistry** *cont.*
oxygen 4436
phosphorus 242, 798-799, 803, 828, 861, 1400-1401, 1413, 1445, 2175, 2828-2829, 3008, 3022, 3393, 3596, 4261, 5710, 5753, 6973, 7101, 7694-7695, 7697, 7781-7782
potassium 242, 799, 861, 1400-1401, 1413, 2828-2829, 3596, 5566, 7101, 7781
salinization 678, 7771
silicon 7781
simulation 1170, 2100
sodium 2828-2829, 3584, 7034, 7101, 7781
soil analysis 1444, 1774, 4913, 5556, 7680, 7738, 7782
soil pH 1445, 2100, 2849, 3533, 4125, 4953, 6176, 6179, 6918, 7101, 7680, 7693, 7768, 7770, 7782
*Abies* 4919, 7758
*Acacia* 241, 802, 7317, 8159
*Acer* 4919, 7695
*Alnus* 243
*Azadirachta* 241
*Betula* 4269
broadleaves 6962
*Carpinus* 2309
*Casuarina* 802
*Ceiba* 802
*Celtis* 1002
*Cryptomeria* 4914, 7927
*Cupressus* 4914
*Eucalyptus* 241, 802, 4777, 4920, 7316, 7690, 8159
*Exbucklandia* 4914
*Fagus* 864, 2097, 2146, 2808, 4301, 5260, 6914, 7696
*Gleditsia* 5708
*Larix* 2807
*Leucaena* 116, 3861, 6326
*Melia* 3584
*Michelia* 865
*Parkinsonia* 8159
*Picea* 695, 834, 2808, 2864, 3585, 4115, 4269, 4919, 6175, 6914-6916, 6954, 7758, 7764
*Pinus* 796, 861, 1400, 2838, 4115, 4914, 4919-4920, 5119, 6969, 7545, 7781
*Platanus* 1002
*Pongamia* 241
*Prunus* 5710
*Pseudotsuga* 243-245, 7681
*Quercus* 845, 1002, 2309, 2808, 5707
*Shorea* 865
*Sorbus* 4269
*Tectona* 865
*Terminalia* 241
*Ulmus* 1002
statistical methods 3584
sulfur 243, 816, 1599, 2102, 2849, 3586, 4269, 4282, 4918, 6917, 6919, 6954
zinc 797, 800, 2101, 2838, 3595, 5743, 6346, 7689
**Soil conservation** 561, 1760, 2537, 2544, 3169, 3948, 3957, 6006, 6035, 6606, 7295
books 1806
reviews 1780, 1806
**Soil cultivation** (*see* Ploughing; Tillage)
**Soil depth** 739, 2796, 3022, 4260, 5643, 7620, 7624
**Soil erosion** (*see* Erosion)
**Soil fertility** 791, 815, 1413, 1774, 3204, 3486, 3594, 4264-4265, 4267, 5566, 5660, 6225, 6348, 6386, 6928-6929, 7712, 8160
logging 204, 853, 4770
simulation 1170
**Soil formation** 2798, 4529, 5711, 7707
reviews 7687
**Soil physics**
bearing characteristics 4796, 7774
electrical properties 1445
porosity 293, 792, 1400, 1775, 3581, 6911, 6913, 7682, 7785
shear strength 3580

**Soil physics** *cont.*
soil compaction 790, 2177, 2368, 2793, 3581, 3643, 4260, 4290-4291, 4777, 4975, 5119, 6911-6912, 7319, 7682, 7684, 7773
soil density 279, 790-792, 1397, 1476, 1775, 2368, 3008, 3429, 3533, 3581, 3643, 4260, 4777, 6911, 6913, 7682
soil movement 794
soil structure 791-792, 1400, 1405, 1775, 2807, 6913, 7782, 7785
soil temperature 460, 695, 2792, 3944, 4633, 6324, 6909, 6919
soil texture 1, 1775, 2010, 2796, 3533, 4913, 4916, 7094, 7624, 7782, 7786
wettability 3665
**Soil pollution** 816-817, 834, 1599, 2838, 3595, 4292, 4953, 6954, 6962, 7738, 7769, 7775
**Soil stabilization** 7309
**Soil sterilization** 67, 6771
**Soil surveys** 4529
**Soil toxicity** 244-245, 812-813, 1111, 1566, 2115, 2808, 2827, 3597-3599, 3638, 3858, 4932, 5708, 6326, 7771
reviews 2809
**Soil types**
acid soils 1421, 2098, 2609, 6135, 6186-6187, 6344, 6509, 7993
alkaline soils 1421, 1713, 1769, 3956, 5781, 6017, 6028, 7034
alluvial soils 250, 799, 4918, 4929, 6856, 7689
Argentina 7710
arid soils 7994
books 3254
Brazil 798
calcareous soils 4278, 6220, 7681
cambisols 1447, 2806, 3580, 4279, 5731
Canada
Alberta 1258
Manitoba 148
classification 7435, 7774
clay soils 1626, 2617, 4808, 5611, 5645-5646
Czechoslovakia 4398
Denmark 2099
ferralsols 1961, 2029, 4943, 7529
fluvisols 3592-3593
German Federal Republic 2098
glacial soils 4916, 7620
gleys 810, 2806, 3580, 3592-3593, 5724, 5731
gravelly soils 820
India 1713
Haryana 3584
Karnataka 2095
Kerala 2095
Tamil Nadu 2095, 2114, 7094
Uttar Pradesh 6716
Iran 4915, 4930
Japan 2286
lateritic soils 6971
limestone soils 6509
loess soils 4154, 5581
luvisols 810, 820, 1773-1776, 2099, 2609, 3193-3194, 3582, 4943
Malaysia 654
peat soils 2806, 3580
permafrost 3254
Philippines 251
podzols 1955, 5731, 7527-7529
Poland 2807
pseudogleys 810, 3582, 3592, 5812, 7805
red soils 7711
regosols 7529
rendzinas 1405, 4279, 5810
saline soils 678, 2519, 5781, 6337, 6931
sandy soils 148, 820, 1990, 2617, 2820, 4265, 4267, 4278, 5581, 6284, 6943, 7620, 7683, 7686
serpentine soils 4497
Sierra Leone 4246
soil classification 6927
Spain 1405
Syria 7435
Thailand 7126

**Soil types** *cont.*
UK 1424
USA
Alaska 4871
California 4497
Hawaii 7707
Illinois 2102
Louisiana 653
Maine 85, 3519
Michigan 2820, 4916
Mississippi 2010
Montana 1421
South Carolina 6927
Washington 3393
USSR 3254
Byelorussian SSR 6283-6284
Kazakh SSR 35
Venezuela 4943
volcanic soils 3677, 7707
Yugoslavia 3592-3593
**Soil water** 7682
(*see also* Groundwater)
chemistry 3803, 4281, 5556, 7738
conservation 2792
depletion 5724, 7303
freezing 6909
ground cover 795, 1773, 2177, 2307, 2791, 4302, 4913
increment 192, 2054, 3605, 5705, 6284, 6910
infiltration 1103, 1397, 1443, 1776, 2538, 3665, 5754, 7293, 7685
measurement 1002
methodology 549
plant physiology 1046, 5880, 6940
simulation 6340, 7685-7686
soil water balance 795, 820, 1103, 2820, 4916, 4934, 5372, 5705, 5724, 6340, 6365, 6929, 7311, 7683, 7810
soil water movement 2486, 2806, 3582, 4271, 5119, 7785
soil water potential 791, 3581
storage 549, 695, 1113, 1397-1398, 1400, 1443, 2538, 3533, 7686
tillage 5392, 6913, 7684
***Solanum diphyllum*,** seed banks 634
***Solanum hypomalacophyllum***
alkaloids 7597
fruit 7597
medicinal plants 7597
***Solanum incanum***
control 2867
controlled burning 2867
**Solar radiation** 1388, 1442, 4300, 4633, 4897, 6071
**Solomon Islands**
*Acacia cincinnata* 4064
afforestation 3431
*Agathis macrophylla* 3870
agroforestry 5475
*Albizia falcataria* 4064
*Archidendron oblongum* 3345
*Artocarpus integer* 3343
beekeeping 3492
*Calophyllum inophyllum* 4069
*Calophyllum kajewskii* 4069
*Calophyllum vitiense* 4069
*Campnosperma brevipetiolata* 3369, 3505, 3529
*Carallia brachiata* 4009
*Casuarina cunninghamiana* 4064
*Cedrela odorata* 3366, 3502
choice of species 2618, 3338, 3346, 3431, 4068-4069, 4072
*Corticium salmonicolor* 3870
dieback 3870
edible species 3346
*Endospermum medullosum* 3344
*Eucalyptus deglupta* 3366, 3461, 3503, 3529
forest fires 4306
fungal diseases 3070
*Gmelina arborea* 2719, 3366, 3425, 3529, 3842, 4064
insect pests 3068, 3070
*Leucaena leucocephala* 4064
multipurpose trees 3346
natural regeneration 4131
nectar 3492
nurse trees 3473
**Solomon Islands** *cont.*
ornamental woody plants 4009
planting 4136
planting stock 3425, 4136
provenance 2618, 3342-3343, 4072
*Securinega flexuosa* 4068
seed collection 3366
seed sources 3366
site class assessment 3529
social forestry 4068
species trials 3338, 3342, 3346-3347, 4068-4069
*Swietenia macrophylla* 3366, 3473, 4069
synecology 2288
*Tectona grandis* 3366, 3425, 3462, 3529
*Terminalia brassii* 2720, 3366, 3529
*Terminalia calamansanai* 3366, 3504
thinning 3457
tree breeding 3842
*Triplochiton scleroxylon* 3342
underplanting 4131
vegetation types 2288
volume determination 4194
volume tables 2719-2720, 3502-3505
**Solomon Islands Multipurpose trees,** *Canarium indicum* 3346
**Somalia**
*Acacia* 2190
*Acacia bussei* 2061
*Acacia horrida* 6267, 6366
afforestation 2492-2494, 3177, 6079
agroforestry 574, 1752, 1758, 2550, 3198, 3218, 7343
arboreta 3221
bibliographies 4016
biomass 2061
*Boswellia* 6458
*Boswellia frereana* 6834
*Boswellia sacra* 6834
botanical gardens 3221
browse 2197-2198, 2298, 2466, 5985-5986, 6262, 6265-6267, 6384
Burseraceae 6458
charcoal 1758, 2061
*Commiphora* 6458
*Cordeauxia edulis* 875, 3159, 6262, 6265, 6384
deforestation 3220, 6079, 6620
desertification 6079, 6620
dunes 2492-2494, 2517-2518, 3170
education 6701, 6703
erosion control 2492-2494, 2517-2518
*Ficus* 380
flora 948-950, 2983
fodder 3159, 6266-6267, 6384
forestry 7436, 7438
forestry development 3178, 6111, 6691-6692, 7438
fuel plantations 2603, 3006, 3218, 6111
grazing 949-950, 2466, 3177
insect pests 6750
international cooperation 2550, 6111, 6120, 7343, 7438
irrigation 2603, 3177
land use 4539, 6620, 7356
legislation 1758, 6698
medicinal plants 6834
multipurpose trees 6265
national parks 3221, 7356
nature conservation 2553, 3220-3222, 7356, 7438
nomenclature 949
nurseries 2550
phenology 6750
rangelands 948-950, 2466, 3158-3159, 3177, 5985-5986, 6079, 6120, 6366, 6458, 7436
reclamation 3177, 6079
remote sensing 3222
research 6702
resins 6834
riparian forests 7356, 7438
seed collection 6750
seed production 6692
seed sources 6692
seed treatment 6750
shelterbelts 2517-2518, 3198
social forestry 574, 2550, 3178, 3218
soil surveys 3006
**Somalia** *cont.*
species trials 7463
synecology 2298, 3006
training 6120, 6701, 6703
vegetation 3006
vegetation types 2553, 3220
water conservation 6079
wildlife 3222, 7356
***Sonneratia*,** shelterbelts 3953
***Sonneratia acida*,** growth regulators 7057
***Sonneratia alba***
natural regeneration 2306
volume tables 178
***Sonneratia apetala***
nurseries 5563
sowing 5563
***Sonneratia caseolaris***
protection forests 3953
shelterbelts 3953
***Sophora japonica*,** insect pests 7276
***Sophora viciifolia***
nitrogen fixing trees 5873
root nodules 3042, 5873
***Sorbus***
dormancy 6141
polluted soils 6777
seeds 6141
***Sorbus americana***
fungal diseases, *Ceratocystis* 1641
wildlife 1697
***Sorbus anglica***
enzymes 2359
genetics 2359
***Sorbus aria***
enzymes 2359
genetics 2359
taxonomy 941
***Sorbus aucuparia***
bud culture 4096
cinnamaldehydes 3723
dormancy 6141
enzymes 2359
flavanols 5790
fruit 6264
fungal diseases, *Ceratocystis* 1641
genetics 2359
mistletoes 4454
natural regeneration 4400
phenology 1458
plant nutrition 4454
planting stock 673, 4088
precipitation 2490
sapwood 3723
seeds 4088, 6141
shoot cuttings 4096
silviculture 4088
soil biology 4269
tending 7558
throughfall 2490
tissue culture 7506
underplanting 4163
vegetation types 564
***Sorbus bristoliensis*,** taxonomy 941
***Sorbus croceocarpa*,** taxonomy 941
***Sorbus decipiens*,** taxonomy 941
***Sorbus devoniensis***
enzymes 2359
genetics 2359
taxonomy 941
***Sorbus domestica***
dormancy 6141
seeds 6141
***Sorbus intermedia***
enzymes 2359
genetics 2359
planting stock 1270
***Sorbus latifolia*,** taxonomy 941
***Sorbus porrigentiformis***
enzymes 2359
genetics 2359
***Sorbus rupicola***
enzymes 2359
genetics 2359
***Sorbus subcuneata***
enzymes 2359
genetics 2359
taxonomy 941
***Sorbus torminalis***
enzymes 2359
genetics 2359
taxonomy 941

***Sorbus vagensis***, taxonomy 941
***Sorbus vexans***
enzymes 2359
genetics 2359
***Sorocea duckei***, wood anatomy 996
**South Africa**
*Acacia* 5211
*Acacia cyclops* 2002, 4785
*Acacia dealbata* 2000
*Acacia karroo* 1006, 2870
*Acacia longifolia* 2395, 5595
*Acacia mearnsii* 2000
*Acacia melanoxylon* 4783
*Acacia nigrescens* 1455
*Acacia saligna* 4785
afforestation 3948
*Alnus formosana* 5518
*Alnus rubra* 5518
*Amorphocerus* 7911
biological control 3918
birds 536, 5993
breeding programmes 5861
browse 3485, 4520, 8091-8092
choice of species 4696, 5519
Coleoptera 1074
*Combretum apiculatum* 1455
*Coniothyrium ovatum* 4443
*Cunninghamia lanceolata* 5518
cut foliage 2018
*Drosophila flavohirta* 3918
dunes 3948
electrical phenomena in trees 5794
*Encephalartos* 7794, 7911
*Encephalartos aemulans* 7075
*Eucalyptus* 1822, 4443, 5211, 5899
*Eucalyptus grandis* 2047, 2725, 3918, 4839, 5861
exotics 5210-5211
*Fairmaniella leprosa* 5899
ferns 2018
fertilizers 5583, 5733
floods 4909
forest ecology 536, 5210-5211
forest fires 5758, 5761
forest influences 1439
fuel plantations 6060
grazing 5989
*Hakea* 5211
*Harknessia eucalypti* 5899
*Harknessia globosa* 5899
increment 5794
*Leucosidea sericea* 1074
*Libocedrus formosana* 5518
mangroves 4909
nature conservation 7794
nutrient deficiencies 5732-5734
*Pachystigma bowkeri* 6448
*Pachystigma macrocalyx* 6448
*Phaeoseptoria eucalypti* 4443
phenology 1805
*Pinus* 2725, 5211
*Pinus elliottii* 1614-1615, 5661
*Pinus maximinoi* 5519
*Pinus pinaster* 5662
plant colonization 5210-5211
plant water relations 6941
*Porthetes* 7911
provenance 5518-5519
rangelands 5989, 8091-8092
roads 5746
*Salix babylonica* 2000
savannas 5989, 8091
*Sequoia sempervirens* 4696
*Sesbania punicea* 1072, 4493
silviculture 1820
site class assessment 5661-5662
site preparation 5583
social forestry 6060
species trials 5518-5519
*Stangeria* 7794
synecology 536, 7794
*Taiwania cryptomerioides* 5518
*Trichapion lativentre* 4493
vegetation types 1805, 2567, 5761
weed control 2002, 5595
weeds 2000
woody weeds 4785, 5210-5211
*Ziziphus mucronata* 6438
**South America**
*Bulnesia* 3777
*Coccoloba* 7074
**South America** *cont.*
*Ephedra* 2885
*Lecointea* 5153
nurseries 5562
**South East Asia**
books 2568
canes and rattans 162
deforestation 3250
distribution 404
forest resources 2568
international cooperation 3250
*Pinus* 404
seeds 1897
sustainable land use 3250
**Southeast Atlantic**
*Mus domesticus* 7909
*Phylica arborea* 7909
**Spacing**
*Abies* 5652
*Albizia* 1855
*Casuarina* 6195
*Cryptomeria* 6215
*Cunninghamia* 4298
diseases 7162, 7565, 8001
*Eucalyptus* 3461, 3648, 4805
habit 4799, 5601, 5612
increment 116, 146-148, 697, 1124, 1310, 1356, 1855, 2058, 3460-3462, 3534, 4159-4160, 4799, 4860, 5601, 5612, 5652, 6195, 6244, 6815, 6851, 7563-7564, 7567-7568, 7576, 7623
*Larix* 7569
*Leucaena* 5757, 6247, 6441, 7576, 7592
methodology 6850
microclimate 8001
*Picea* 1310, 4799, 7569
*Pinus* 4160, 5601, 6243, 6815, 6851
*Polyscias* 3352
*Populus* 1356, 6244, 7563, 7565, 7569, 8001
*Pseudotsuga* 4159, 5612, 7569
snow damage 5601, 5702
*Tectona* 3462
*Thuja* 5612
*Tilia* 7569
*Tsuga* 5612
wood properties 2854, 3648, 4298, 6243
**Spain**
*Abies alba* 6376
agroforestry 1738, 4985, 5380
arboreta 5241
*Arceuthobium oxycedri* 3887
*Castanea sativa* 5711
*Catocala nymphogoga* 1082
cycling 3166, 5730
dendrochronology 2565
dendroclimatology 2565
*Diphyllaphis mordwilkoi* 8032
*Ephesia nymphaea* 1082
erosion 5711
*Eucalyptus* 2662
forest administration 6317
forest ecology 2411
forest fires 4308
forest inventories 4874
forest litter 5711
forestry 6317
Formicidae 2411
humus 1405, 3587
insecticides 2453
land use 5380
Lepidoptera 1069, 7258
*Malacosoma neustria* 1082
*Martes foina* 5132
*Meles meles* 5132
mycoplasmal diseases 7167
organizations 6317
*Pinus* 5711
*Pinus nigra* 5132, 7167
*Pinus uncinata* 2565
*Populus* 5241
provenance 2578
*Pseudotsuga menziesii* 2578
*Quercus* 1069, 5730
*Quercus ilex* 1082, 7258
*Quercus rotundifolia* 5132
savanna woodlands 7949
seed dispersal 5132
soil structure 1405
**Spain** *cont.*
soil types 1405
stemflow 3166
synecology 7949
*Thaumetopoea pityocampa* 2453
throughfall 3166
vegetation types 5380
*Viscum album* 6376
volume tables 4874
*Vulpes vulpes* 5132
yield tables 4874
***Sparattanthelium amazonum***
habit 5833
keys 5833
taxonomy 5833
***Sparattanthelium septentrionale***
habit 5833
keys 5833
taxonomy 5833
***Spathius canadensis*** 6562
***Spathodea campanulata***
underplanting 1989
wood anatomy 888
wood chemistry 4341
**Species trials** 6539
arid regions 6147
Australia, Western Australia 6717
Brazil 617, 620-622, 3330, 3334, 3514
Bulgaria 3337
Canada
Alberta 5379
Newfoundland 1292
Ontario 54, 4693
Colombia 1206, 1856, 6130, 6712
Costa Rica 1861, 3348
German Democratic Republic 6709
German Federal Republic 2612, 2614, 6719
Hungary 5527
Iceland 1209
India
Himachal Pradesh 4687
Karnataka 4694
Madhya Pradesh 7676
Maharashtra 6132, 6710
West Bengal 6128
Indonesia 2032, 2609, 3331-3332, 6541, 7568
Kenya 3210
methodology 3281, 3338
Mexico 6134, 7464
Nepal 51, 611, 1864, 1866, 1877, 5535-5536
Netherlands 2614, 2617, 4689
New Zealand 3281
Norway 3335
Pakistan 5531
Philippines 3349-3351, 7468
Rwanda 3200, 4071, 5397
Solomon Islands 3338, 3342, 3346-3347, 4068-4069
Somalia 7463
South Africa 5518-5519
Sri Lanka 6713
Sudan 4691
Taiwan 4683, 5977
Thailand 7467
USA
California 3341
Hawaii 5975, 6136, 6138, 7468
Washington 3340
USSR, Kazakh SSR 552
Vanuatu 3354, 4064-4065
Vietnam 2539
Yemen Arab Republic 1207, 4669
**Spermatophyta** 2985
***Sphaerobambos***, taxonomy 1590
***Sphaerobambos hirsuta***, taxonomy 1590
***Sphaerobambos philippinensis***, taxonomy 1590
***Sphaerobambos subtilis***, taxonomy 1590
***Sphaeroma peruvianum*** 5162
***Sphaerotheca*** 2404
***Sphagnum subsecundum*** 1419
**Spices** (*see* Minor forest products)
***Spiraea japonica***, pollen 4358
***Spirolobium***, taxonomy 7913
***Spodoptera dolichos*** 3905
***Spodoptera eridania*** 3090
***Spondias***, shade trees 3978
***Spondias pinnata***, wood anatomy 3682

***Spondias purpurea***
agroforestry 3951
fences 3951
vegetative propagation 3951
***Spongipellis pachyodon*** 3866
***Sporothrix*** 2389, 7059
**Spraying equipment** 2015, 3397-3399, 4453, 4509, 6828
**Squirrels** 68-69, 537-538, 2264, 3161, 3936, 4470, 5349, 5821, 6600
**Sri Lanka**
*Acacia auriculiformis* 6713
*Acronychia pedunculata* 6403
afforestation 6713
agroforestry 5413-5415
*Albizia odoratissima* 6713
*Azadirachta indica* 3183, 6713
*Casuarina cunninghamiana* 6713
*Chukrasia velutina* 6713
energy resources 2607
*Eucalyptus* 6713
forest fires 3668
forest management 4611
forestry 3306
fuelwood 2607, 5414
*Fusarium oxysporum* 5886, 5905
*Gibberella fujikuroi* 5886, 5905
green manures 7594
history 3306
land use 1159
*Leucaena leucocephala* 5886, 5905
medicinal plants 6403
*Melia azedarach* 6713
nature conservation 4611
*Pinus caribaea* 122
*Pinus patula* 122
shifting cultivation 2535
social forestry 1159, 5419
species trials 6713
sustainable land use 1159
*Swietenia mahagoni* 6713
synecology 4611
*Tectona grandis* 6713
*Terminalia arjuna* 6713
vegetation types 4611
wildlife 4611
**St. Helena**
forest management 1181
forestry 1181
**St. Lucia**
fodder 3483
*Leucaena leucocephala* 3483
**St. Vincent and Grenadines,** forest resources 763
**Stability of stands** (*see* Stand characteristics, stability)
***Stachylidium*** 3866
***Stachyurus praecox***
foliage 3109
insect pests, *Apoderus* 3109
**Stain fungi** 1639, 1674, 3054, 4490, 4910, 5275, 5289, 6410, 7154, 8006, 8017
**Stand characteristics**
age 173, 395, 425, 769, 2082, 4188, 4190, 4375-4376, 5569
classification 4837
composition 142, 411, 418, 427, 759, 769, 953, 991, 1971-1973, 2289, 2293, 2295-2296, 2301, 2318, 2718, 2987, 3532, 3809, 5184, 5368, 6468, 7621
*Abies* 143, 2286, 3818, 4378, 5195, 5570, 5573, 7925
*Acer* 1010, 3525, 5213, 7089
*Alnus* 4382, 6481
*Altingia* 6469
*Amelanchier* 1010
*Betula* 1010, 4382
broadleaves 6962
*Carya* 7089
*Castanopsis* 8101
*Cathaya* 983
*Cryptomeria* 144
*Davidia* 416
*Diospyros* 7947
*Eucalyptus* 5220
*Fagus* 696, 5213, 5570, 6816, 7089
*Kalappia* 7947
Leguminosae 4390
*Nyssa* 7098
*Picea* 3818, 5195, 5570, 5573
**Stand characteristics** *cont.*
composition *cont.*
*Pinus* 999, 1010, 2286, 2871, 4872, 5671, 7098, 7938, 7957
*Populus* 999, 1010
*Pseudotsuga* 4378, 4401
*Quercus* 1010, 1285, 2694, 3525, 3810, 5142, 7089, 7098, 7957, 8101
*Shorea* 3806
*Tectona* 168
*Thuja* 5195
*Tsuga* 143, 2286, 3525, 4378, 4401
*Xylia* 168
density 145, 169, 1332, 1374, 1971-1973, 2293, 2476, 3805, 3809, 4158, 4374, 5368, 5606
*Abies* 5812
*Acer* 1010
*Albizia* 2038
*Amelanchier* 1010
*Betula* 1010, 7535
*Corylus* 1603
*Eucalyptus* 4805
*Fagus* 6862
*Lepidocaryum* 6988
*Phyllostachys* 1325
*Picea* 148, 739, 4947
*Pinus* 138, 147-148, 213, 1010, 3459, 4191, 4802, 4838, 4946-4947, 5601, 6386, 7535, 7635, 7938
*Populus* 1010, 7563
*Pseudotsuga* 3534, 4159
*Quercus* 1010, 7535
*Tectona* 4838
*Tilia* 4157
*Vitex* 610
development 422, 747, 1969, 2295-2296, 2718, 4862, 7621
*Abies* 4199, 4389, 5573, 7622, 7925-7926
*Acer* 7089
*Alnus* 4382
*Betula* 2693, 4382
*Brachystegia* 1968
*Carya* 7089
*Castanea* 4204
*Chamaecyparis* 7561
*Cryptomeria* 7561
*Cunninghamia* 5614
Dipterocarpaceae 698
*Eucalyptus* 2725
*Fagus* 696, 2692-2693, 4803, 5613, 6862, 7089
*Julbernardia* 1968
*Liquidambar* 2010
*Picea* 4199, 4389, 5573
*Pinus* 138, 2610, 2692-2693, 2725, 4160, 4191, 4801-4802, 6335
*Pseudotsuga* 4156, 4159
*Quercus* 2692-2693, 7089
*Salix* 4376
*Triplochiton* 184
*Tsuga* 5271, 7926
methodology 4373
mortality 1838, 2037, 2047, 2296, 2735, 4374, 5194, 5232, 7414, 7953
*Abies* 3284, 3755, 4800, 5199, 7622
*Acer* 1010, 7089
*Alnus* 3340
*Amelanchier* 1010
*Beilschmiedia* 6783
*Betula* 1010
*Carya* 5611, 7089
*Caryocar* 7924
*Cryptomeria* 7566
*Dacrycarpus* 6783
*Dacrydium* 6783
*Elaeocarpus* 6783
*Eucalyptus* 3340, 7571
*Fagus* 7089
*Fraxinus* 5611
*Goupia* 7924
*Iryanthera* 7924
*Juglans* 3341
*Leucaena* 7571
*Liquidambar* 5611
*Metrosideros* 7080
**Stand characteristics** *cont.*
mortality *cont.*
*Picea* 148, 3284, 3755, 4255, 4800, 5199
*Pinus* 147-148, 1010, 2011, 2820, 3463, 4255, 4375, 4412, 4800, 4802, 4804, 5601
*Platanus* 5611
*Populus* 671, 1010, 3340, 5520, 5611
*Prumnopitys* 6783
*Prunus* 3341
*Pseudotsuga* 2011, 4159, 5612
*Quercus* 1010, 3341, 5611, 7089
*Scleronema* 7924
*Taxodium* 5646
*Thuja* 5612
*Tsuga* 4800, 5271, 5612
*Virola* 7924
natural regeneration 1969
projections 2037, 2318, 2693, 2718, 4391, 4862
quality 2301, 2743, 4188, 4836, 4915, 6014, 6862
simulation 22, 138, 146, 213, 1838, 2318, 2718, 2735, 3284, 3287, 3559, 4030, 4374, 4635, 4801, 4862, 5194, 5606, 6479, 7414, 7417, 7566, 7677
spacing 148, 394, 988, 1972-1973, 3287, 4157, 4373, 5612
stability 235, 829, 2415, 3471, 3810, 3814, 4391, 5837, 7558, 7677, 7924
statistical methods 427, 1332, 1835, 2725, 3463, 6095
structure 411, 422, 744, 769, 991, 1969, 2288-2289, 2293, 2295, 2718, 2813, 2987, 3017-3018, 3809, 3813, 4373, 7818
*Abies* 143, 238, 952, 962, 2286, 3818, 5203, 5569-5570, 7622, 7925
*Acer* 397, 952, 3021, 3525, 7089
*Albizia* 2038
*Aleurites* 22
*Alnus* 2742, 6481
*Beilschmiedia* 6783
*Betula* 4188, 4837
*Brachystegia* 1968
*Carpinus* 2292
*Carya* 7089
*Castanea* 2285
*Cathaya* 983
*Chamaecyparis* 418, 568, 7562
*Corylus* 1603
*Cryptomeria* 144, 169, 418, 2009, 6814
*Dacrycarpus* 6783
*Dacrydium* 6783
*Diospyros* 7947
*Elaeocarpus* 6783
*Fagus* 952, 2051, 2988, 4803, 5569-5570, 5837, 6816, 6862, 7089
*Julbernardia* 1968
*Kalappia* 7947
*Larix* 2988
Leguminosae 4390
*Picea* 952, 962, 2988, 3818, 5570, 5834
*Pinus* 138, 417-418, 568, 999, 1333, 1835, 2286, 2986, 2988, 3805, 4801, 5203, 7562, 7938, 7957
*Populus* 999
*Prumnopitys* 6783
*Quercus* 2292, 2694, 3525, 7089, 7618, 7957
*Salix* 4376
*Sequoia* 5184
*Shorea* 3806
*Tectona* 168
*Tsuga* 143, 2286, 3525, 5203
*Xylia* 168
theory 4374
**Stand tables** 758, 1340, 2037, 3536, 3561
**Standards**
Bulgaria 3258-3260
Czechoslovakia 1151
logging machines 1816
machinery 3261
Poland 1150

**Standards** *cont.*
tractors 1151, 3257-3260
transport 1150
***Stangeria,*** reviews 7794
**Staphylinidae** 6437
**Statistical methods**
agroforestry 3213, 5411, 6043
bark 730, 4830
biomass 19, 595, 1169, 4613, 4848, 6682
branches 4841
branchwood 3686
*Choristoneura occidentalis* 6554
chromosomes 7108
competition 4029
cones 3373
controlled burning 5764
crown 4841, 5641
dendrochronology 8183
dendroclimatology 8183
diameter 3496, 7615
dieback 2582, 6431
direct sowing 4773
economics 4239
fertilizers 1940, 3400
flowers 3687
fodder 5990
foliage 3497, 4834
forest fires 866, 4313, 7792
forest inventories 19, 2582, 4227, 7661
forest management 1834, 6876
forest resources 2583
fruit 3687
genetics 1618, 5239
ground vegetation 5990
growth stress 4984
height 18, 4202, 6848-6849, 7615
increment 2725, 6864, 7636
land use 6876
nutrient deficiencies 4945
plant succession 4029
remote sensing 3555-3556
roots 4319, 5039
seedlings 4029
seeds 3373, 6730, 6736
site class assessment 3518, 3584, 4202, 6276, 6283
soil 3584
soil chemistry 3584
stand characteristics 1332, 1835, 2725, 3463, 6095
stem form 594, 2582, 6853, 7612
synecology 3819, 5482, 7957
theory 594, 6094
thinning 4792
throughfall 6607
tree breeding 4409
vegetation types 3819
volume determination 594, 762, 4632, 7614-7615, 7662
wildlife 1093
wind 5483
wood anatomy 2888, 3686
work study 6122
yield forecasting 2065
***Steinernema*** 1075, 6586
***Steinernema feltiae*** 1075
**Stem form** (*see also* Form factors)
buttresses 3674-3675, 4317
crook 4494
eccentricities 924, 1334, 2036, 4256, 7564, 7712
equations 167, 180, 594, 1335, 1338, 3498, 4839, 6271
forking and multiple stems 924, 2317, 4494, 4944
leaning stems 4256, 4317, 5010, 7565
mathematics 1334, 1337
quality 3334, 3674, 4415, 5601, 5636-5637, 5855, 6014, 7465, 7535, 7612
simulation 2, 2582, 3675
statistical methods 594, 2582, 6853, 7612
sweep 5010
taper 2, 167, 180, 594, 725, 1335, 1337-1338, 2004, 3498, 4150, 4191, 5012, 6271, 6853, 6855, 7613
**Stemflow** 547, 864, 1446, 2135, 2146, 2865, 3166, 3608, 4301, 4530, 4948, 4966, 5260, 5371, 5752, 6333, 6610, 7293, 7297, 7302, 8110, 8115
**Stems**
damage 929
mathematics 6271, 7961
mechanics 235, 283, 788, 1304, 1574, 4189, 4192, 4630, 4982, 5009, 5774, 6271, 7687, 7961
methodology 4630
morphology 3805, 5021
***Stenolechia gemmella*** 5944
***Sterculia urens***
gums 4818
insect pests, *Oglasa* 5310
resin tapping 4818
**Sterculiaceae,** pollen 893
***Steremnius carinatus*** 2440
***Stereospermum chelonoides,*** wood anatomy 1467
***Stewartia pseudocamellia***
ornamental woody plants 3238
shoot cuttings 3238
**Stomata** 260, 270-271, 819, 849, 891, 1417, 2817, 2821, 3604, 5022-5023, 5085-5086, 6947, 6951, 6991, 7751
**Stratification** (*see* Seeds, seed treatment)
**Streams**
chemistry 5730, 5743, 7304-7305, 7307, 7699, 7780
ecology 1099-1101, 2111, 2174, 2799, 2863, 4925, 4974
erosion 1099-1101, 4529, 4974, 5374
forestry 548, 1099-1101, 1699, 2863, 3662, 3944, 4293, 4974, 6361, 7298, 7304, 7307, 8118
hydraulics 4529
methodology 548
stream flow 292, 1699, 2863, 4293, 6007, 6361, 7298
stream training (*see also* Torrent training)
vegetation 292, 2174, 3662
**Street trees** (*see also* Ornamental woody plants)
books 1146, 3252
Brazil 4008
China, Beijing 2759
conferences 6082
Czechoslovakia 7180
damage 3252
Egypt 1146
France 6082
German Federal Republic 6082, 7375
Hong Kong 6647
India, West Bengal 5433
Iran 5813
Japan 569
Pakistan 816, 2158
Poland 4157, 5965
safety 4630
Switzerland 6082
USA 5435, 7365, 7379
Arizona 7380
California 1800, 6648
Nebraska 4950
USSR, Latvian SSR 2563
***Streptomyces hygroscopicus*** 2402-2403
**Strigiformes** 4608
***Strix occidentalis*** 4523, 4527
***Strobilomyia anthracina*** 69, 522, 525, 4470
***Strobilomyia laricicola*** 7266
***Strombosia pustulata,*** increment 2734
***Strombosia scheffleri***
improvement planting 4071
species trials 4071
**Stump removal** 6965
**Stumpage value** 223, 6900-6901, 6903
**Stumps** 1633, 2411, 3128, 3867, 4453, 4829, 5321, 5865, 5887, 8002, 8020
***Styrax tonkinensis,*** pulpwood production 6792
**Subsidies** 40-41, 2594, 3313, 5504, 6113-6115, 6904
**Succession** (*see* Decay fungi, succession; Plant succession)
**Suckering** 108, 670, 2874, 5020, 5575, 5751
**Sudan**
*Acacia ehrenbergiana* 4913
**Sudan** *cont.*
*Acacia nilotica* 1306, 1351-1352
*Acacia senegal* 5624
*Acacia seyal* 5002
*Adansonia digitata* 395
agroforestry 3986, 8135
arboreta 3221
*Azadirachta indica* 3701
botanical gardens 3221
*Capparis decidua* 4882
choice of species 5624
*Cordia alliodora* 1214
deforestation 3318
*Eucalyptus camaldulensis* 4755, 4832
extension 3318
fuelwood 3318
irrigation 684
national parks 3221
natural regeneration 684
nature conservation 3221
nurseries 4755
*Prosopis chilensis* 4707
provenance 1214, 4691
remote sensing 4882
*Salvadora persica* 4882
shelterbelts 684
shifting cultivation 1755
site types 1351
soil analysis 4913
species trials 4691
***Suillus*** 4426, 6845
***Suillus bovinus*** 454, 465, 7987
***Suillus cavipes*** 4742
***Suillus granulatus*** 7987
***Suillus grevillei*** 454
***Suillus hirtellus*** 7987
***Suillus luteus*** 465, 7756, 7987
***Suillus subluteus*** 5257
***Suillus tomentosus*** 4426
***Suillus variegatus*** 465
**Sunscald** (*see* Insolation)
**Support trees** 2029, 4545
**Surinam**
*Persea julianae* 944
silvicultural systems 1141-1142
watersheds 1142
**Surveying** 1375
(*see also* Soil surveys; Vegetation, surveys)
***Sus scropha*** 543
**Sustainable land use**
Africa 3543
bibliographies 3182
books 1813, 6660
Burkina Faso 1159
conferences 1159, 6660
Costa Rica 560
Developing Countries 1841, 7451
economics 8126
India 591, 1159, 1368, 4547
Indonesia 1159
Ivory Coast 3543
Kenya 1159
Latin America 3182, 6660
Malaysia 1368
Nigeria 3543
Panama 3182
Peru 3013, 6020
Philippines 1368
simulation 4636
South East Asia 3250
Sri Lanka 1159
Tropics 3250, 5381, 6089
Uganda 3543
USSR, RSFSR 2066
**Sustained yield** (*see* Yield regulation)
***Swartzia***
silvicultural characters 7485
wood anatomy 996
***Swartzia madagascariensis,*** wood anatomy 330
**Swaziland**
*Acacia decurrens* 7326
*Acacia mearnsii* 7326
farm forestry 7326
farm woodlands 7326
fuel plantations 6060
*Phyllactinia corylea* 7160
social forestry 6060
**Sweden**
Acari 7229

**Sweden** *cont.*
acid rain 7768, 7770
air pollution 2159, 4970, 6359, 7696
*Alces alces* 533-535, 5365
*Alnus* 151
*Alnus incana* 886, 2128
beating up 2049
*Betula* 151
*Betula pendula* 151, 2041, 2740
*Betula pubescens* 2041, 2740
*Betula tortuosa* 702
biological control 3923
biomass 2739-2740, 6125
browsing damage 533-535, 5365
clear felling 4556
climate 7932
dieback 5104, 6359
drainage 4864
economics 151
edible fungi 6845
*Fagus sylvatica* 864, 4362
farm forestry 2530
felling 2008
fodder 3293
forest inventories 535, 2756, 2762
forest management 151, 3294
frost injury 5104
fungi 1623
history 3294
hydrology 7299
*Hylobius abietis* 2439
increment 2741
international cooperation 1853
*Ips typographus* 7220, 7229
*Lactarius* 6845
land use 4536
legislation 4556
mine spoil 1412
mixtures 2006, 2041
nature conservation 4556
*Neodiprion sertifer* 3143, 3923
nurseries 4756
palaeoecology 5104, 7932
*Picea abies* 2041, 2063, 2739-2741, 3025, 7220
*Pinus contorta* 3143, 3923
*Pinus sylvestris* 2740-2741, 7223-7224
*Pityogenes chalcographus* 3150
plant succession 1009
*Populus tremula* 151
*Populus tremula* × *P. tremuloides* 151
private forestry 2530
provenance 151
remote sensing 2079, 2762
runoff 7299
rural economy 4536
*Russula* 6845
*Salix* 6125
Scolytidae 7223-7224
site class assessment 814, 4864
site preparation 3438, 6801
soil chemistry 2097, 7696
soil pH 7696, 7768, 7770
soil pollution 834
*Suillus* 6845
synecology 2309
thinning 2006
*Tomicus piniperda* 7223
tree breeding 151
treelines 7932
vegetation 3294
volume tables 2041
water pollution 2162
yield forecasting 2065, 2748
yield tables 2063
***Swietenia candollei,*** wood chemistry 4341
***Swietenia humilis***
seeds 5542
tissue culture 72
***Swietenia macrophylla***
autecology 6390
choice of species 3338, 4069
nurse trees 3473
plant water relations 2180
planting 4136
planting stock 4136
seed collection 3366
seed germination 3370, 7474
seed sources 3366
seed treatment 3370
silvicultural characters 7485
***Swietenia macrophylla*** *cont.*
silviculture 6390
species trials 6712
tissue culture 72
underplanting 1989
volume determination 3506
volume tables 3506
wind damage 4253
wood anatomy 333
wood chemistry 4341
***Swietenia macrophylla* × *S. mahagoni,*** wood anatomy 333
***Swietenia mahagoni***
enzymes 2136
nutrient deficiencies 2136
seed germination 1904, 7474
species trials 6713
wood anatomy 333
***Swintonia floribunda,*** wood anatomy 3682
**Switzerland**
*Abies alba* 965
afforestation 2525, 3180
air pollution 4019
arboreta 4566
atmosphere 232
avalanches 1709, 6612, 8119
botanical gardens 4566
*Ceratocystis fimbriata* 7154
climate 6319, 7678
deer 2469
dendrochronology 232, 4019, 5172, 5316, 5442, 5444
dendroclimatology 232, 1140, 2967
dieback 289, 843, 1366, 1578, 2141, 2967, 4003, 4019, 5112-5113, 6106, 6431-6432, 7449
drainage 2674
economics 222, 5383
education 7429
electrical phenomena in trees 4912
forest inventories 776, 1366, 1817, 6432
forest management 1366, 6295, 7399, 7449, 7649
forest policy 6107, 7429
forest recreation 4003
forestry 1817, 6119, 7430
frost injury 2782
fuelwood 2605
genetic resources 2326
*Gremmeniella abietina* 8119
growth rings 843
history 1176, 1817, 6107
hydrology 6365
land use 1117, 2525, 3180, 5383, 7665
landscape 1817
landscape ecology 976
*Larix decidua* 1858, 8119
legislation 2592
logging 854
maps 5383, 7665
moorland 997
mountain forests 222, 4049, 5383, 6295
nature conservation 997, 4003
old and fossil wood 5442
organizations 1817, 7456-7457
palaeoecology 976, 5172
*Phacidium infestans* 8119
*Picea abies* 2674
*Pinus cembra* 8119
*Pinus mugo* 4256, 8119
*Pinus sylvestris* 1817
plant disorders 1578, 2782
*Platanus* 7154
protection forests 1709, 3164, 4049, 6107
protection of forests 3164, 4049, 6107
provenance 1858
*Pseudotsuga menziesii* 7681
public relations 6106
radionuclides 2141
remote sensing 2141
research 6119, 7449
roads 222, 1367, 2468, 2752
silviculture 1176, 6295
site types 776
soil 7665
soil types 820
soil water 820
street trees 6082
thinning 854
**Switzerland** *cont.*
torrent training 5383
training 1817
tree breeding 2346
urban forestry 6082
*Viscum album* 6525
wildlife 2468
*Zeiraphera diniana* 5316
***Sylvilagus floridanus*** 2876
**Symbiosis** 1826, 1830, 2324, 5227, 5256
*Acacia* 7988
*Allocasuarina* 1941, 2369, 2376, 2379
***Symbiosis,*** *Alnus* 54
**Symbiosis**
*Alnus* 277, 1626-1627, 1942, 2124-2129, 2370, 2373-2375, 2378, 4428, 5070, 5883, 7985, 7989
*Avicennia* 2367
*Betula* 1922, 5883
*Casuarina* 451, 1941-1942, 2256-2257, 2369, 2372-2373, 2376-2377, 2379, 3328, 7508
*Ceanothus* 1943
*Coriaria* 2130
*Dalbergia* 5250
*Elaeagnus* 1942, 2124-2125
*Encephalartos* 7794
*Fagus* 1044
*Ficus* 2202
*Gymnostoma* 2376-2377
*Hippophae* 2379
*Juglans* 2125
*Leucaena* 5250, 5866, 5869, 6187, 6510-6511, 7993
*Myrica* 1942, 2371, 2377
*Populus* 2124
*Prosopis* 7994
*Robinia* 7989
*Stangeria* 7794
***Symphonia globulifera***
dendrochronology 7633
growth rings 7633
improvement planting 4071
increment 7633
species trials 4071
***Symphoricarpos oreophilus***
browse 8090
competition 5836
water stress 5836
***Symplocos,*** taxonomy 3780
***Symplocos strigillosa,*** wood anatomy 888
***Symplocos tinctoria***
pollen 2222
taxonomy 2222
***Synanthedon*** 3085
***Synanthedon culiciformis*** 5967
***Synanthedon resplendens*** 5967
***Synanthedon talischensis*** 3085
**Synecology**
Argentina 2088
Australia 3017
New South Wales 954, 3018
Queensland 3018, 5181
South Australia 3018
Victoria 3018
books 6076, 6658
Brazil 953, 3809, 5182
Bulgaria 2281
Cameroon 958-959
Canada
Alberta 4255
British Columbia 1707, 1810
Nova Scotia 7085
Ontario 3812, 5202
Quebec 957, 5202
Chile 398, 5341, 6474-6476
China 999
climate 413, 587, 862, 2088, 2114, 2254, 2280, 2303, 3822, 4255, 4391, 6473, 7083, 7094, 7782, 7937, 7943
conferences 584
Costa Rica 2296, 5191
Czechoslovakia 1000
ecotones 960, 2088, 2281, 2304, 2321, 3808, 5181, 5189, 7085, 7609, 7921
Europe 6076
Federated States of Micronesia 219-220, 6894-6895
Finland 6472

**Synecology** *cont.*
fires 2290, 2321, 3669, 4392, 5192, 6473
France 960
French Guiana 7922, 7939, 7955
German Federal Republic 4803, 8171
India
Karnataka 2289
Madhya Pradesh 5482
Tamil Nadu 413, 2303, 7943
Uttar Pradesh 424, 2301-2302, 3015, 3510, 3802, 3816, 4859, 5186, 5197-5198
West Bengal 5187
Indonesia 406, 1287, 1598, 2293-2294, 2306, 2483-2484, 3227, 3229, 3423, 3663, 3785, 3804-3806, 7536, 7945-7947
Iran 4836, 4915, 4930
Iraq 7948
Italy 392
Jamaica 1827
Japan 951, 2280, 2308, 3019, 3819, 7927, 8101
Kenya 7609
Korea Republic 3794, 7957
land use 168, 956, 2289, 2294, 2483, 3211, 3790, 3822, 5187, 5482, 6472, 7536, 7942, 7944, 7946, 7948, 7950, 8090, 8094, 8171
layer structure 424, 428, 536, 1595, 1598, 2295, 2308, 2315, 2467, 3017-3019, 3286, 3446, 5183, 7952
(*see also* Ground vegetation; Underwood)
*Abies* 4300
*Acacia* 6366
*Acer* 7097
*Carpinus* 2309
*Castanopsis* 8101
*Chamaecyparis* 7096
*Cryptomeria* 4300
*Eperua* 3020
*Eucalyptus* 3802
*Fagus* 7097
*Nyssa* 7098
*Pinus* 999, 6477, 7098, 8070
*Piper* 2416
*Populus* 999, 3802
*Pseudosasa* 4300
*Quercus* 2309, 5200, 7098, 8101
*Tectona* 7942
*Tsuga* 4300
methodology 413, 951, 953, 2989-2991, 7923
Mexico 2305, 4387-4388, 7936-7937
New Zealand 963, 4386, 7920
Pacific Islands Trust Territory 6896
Panama 2119, 2295
Peru 5196
Philippines 991
Poland 2279
Portugal 8093
research 4651
reviews 6473
Sabah 2282
sampling 961
simulation 584, 955-956, 3286, 4389, 6658
site factors 414, 957-959, 987, 989, 1966, 2296, 2989-2991, 3790, 3793, 3812, 3817, 3822, 4255, 4397, 5178, 5182, 5191, 5196, 6472, 6592, 7947
soil 392, 414, 956, 1002-1003, 2114, 2296, 2298, 2301, 2309, 3008, 3805, 3812, 3817, 4836, 4915, 4930, 5222, 6473, 6943, 7087, 7094, 7782, 7937
Solomon Islands 2288
Somalia 3006
South Africa 7794
Spain 7949
species diversity 1595, 1598, 2294, 2483, 2718, 2997, 3017-3018, 3211, 3804, 3812, 5341, 5835, 6468
*Acer* 6483
*Avicennia* 4363
*Bruguiera* 4363

**Synecology** *cont.*
species diversity *cont.*
*Ceriops* 4363
*Chamaecyparis* 7096
*Cryptomeria* 5187
Leguminosae 4390
*Leptospermum* 4386
*Liriodendron* 6483
*Nothofagus* 4386
Palmae 5191
*Pinus* 960-961, 2302
*Pseudotsuga* 4401
*Quercus* 862, 2302
*Rhizophora* 4363
*Robinia* 6483
*Shorea* 2302
*Tsuga* 4401
Sri Lanka 4611
statistical methods 392, 3819, 5482, 7957
Taiwan 2989-2990, 6468
theory 584, 5851, 7088
topography 413-414, 2296, 2298, 2304, 3804, 3812, 3817, 5182-5183, 5198, 7937
Tropics 2254, 4651, 7940
UK 1003, 1966, 3790
USA 5423
Arizona 5843, 7936
Arkansas 3792
California 862, 4397, 5184-5185, 5203
Colorado 4391, 5844
Connecticut 5200
Florida 2321
Idaho 5193, 5208, 5841-5842, 7087
Kansas 3008
Maine 5195
Missouri 1002
Montana 5192
Nevada 5841
New Hampshire 7086
New Mexico 995, 5178, 5843, 7935
North Carolina 4395, 7636
Oregon 4401
Tennessee 4395, 7636
Utah 5841
Washington 5222
West Virginia 5835
Wisconsin 3817
Wyoming 986, 5841
USSR 3814
RSFSR 1594, 7088
Yugoslavia 4653
**Syria**
forestry 7435
land use 7435
soil types 7435
***Syringa reticulata***
landscape 7362
ornamental woody plants 3238
shoot cuttings 3238
***Syringa vulgaris***
irrigation 6614
shelterbelts 6614
***Syrmaticus ellioti*** 7288
**Systems analysis** 1155
***Syzygium canicortex,*** essential oils 5083
***Syzygium cordatum***
browse 6601
elephants 6601
***Syzygium cumini***
irrigation 612, 1994
reclamation 1713
synecology 5183
***Syzygium jambos,*** agroforestry 560
***Syzygium parvifolium***
improvement planting 4071
species trials 4071
***Syzygium phyllyraeoides***
foliage 2260
optical properties 2260
***Tabebuia***
biomass 3596
forest litter 3596
soil fertility 3596
***Tabebuia angustata,*** increment 7621
***Tabebuia barbata***
dendrochronology 5026
growth rings 5026
wood anatomy 5026

***Tabebuia calcicola,*** wood anatomy 888
***Tabebuia chrysotricha***
increment 3334
seeds 3359
stem form 3334
***Tabebuia pentaphylla***
pollen 930
quinones 1560
seeds 3359
***Tabebuia rosea,*** species trials 3347
***Tabernaemontana divaricata***
alkaloids 7598
biochemistry 7499
cell culture 7499
foliage 7598
medicinal plants 7598
phytoalexins 7499
***Tabernanthe elliptica***
alkaloids 2035
medicinal plants 2035
pharmaceutical products 2035
taxonomy 2276
***Tabernanthe iboga***
alkaloids 2035
medicinal plants 2035
pharmaceutical products 2035
taxonomy 2276
wood anatomy 2276
***Tachigalia versicolor***
buttresses 4317
fruit 4324
seeds 4324
**Tachinidae** 3149, 4468
**Taiwan**
agroforestry 2541-2542
*Albizia* 6857
*Alnus formosana* 450, 6481
*Avicennia marina* 2879
biomass 185, 190
*Bretschneidera sinensis* 388
*Calamus formosanus* 6997
*Calamus orientalis* 6997
*Calamus siphonospathus* 6997
*Callosciurus erythraeus* 3161
*Castanopsis borneensis* 2974
*Castanopsis eyrei* 2974
*Castanopsis fabri* 2974
*Casuarina* 4683
*Casuarina equisetifolia* 6937
*Chamaecyparis formosensis* 4793, 6857-6858
*Cinnamomum camphora* 6857
*Cinnamomum macrostemon* 382
*Cinnamomum osmophloeum* 5054
cost analysis 2763-2764
*Cryptomeria japonica* 185, 537, 2803, 6814
*Cunninghamia lanceolata* 625, 2803, 3098, 3161, 6325, 6857, 7134
cycling 4942
*Diospyros morrisiana* 7011
diseases 3046
*Drepanostachyum naibunensis* 1589
*Drypetes* 381
*Elaeocarpus lanyuensis* 7069
Endogonaceae 7134
foliage 190
forest fires 1451
forest influences 7296
forest litter 2803
forest management 2763-2764, 4847
fungal diseases 467-468, 3046
grazing 5338
*Heteropsylla cubana* 5981
hydrology 7296
increment 4847
*Kandelia candel* 2879
Lauraceae 2973
legislation 2592
*Leucaena* 4942
*Leucaena diversifolia* 53
*Leucaena leucocephala* 53, 228, 4848
*Libocedrus formosana* 1343, 6857
*Lindera* 6451
*Liriodendron chinense* 6857
logging 7101
*Lumnitzera racemosa* 2879
mangroves 318, 4385
mountain forests 190
mycorrhizas 7134
natural regeneration 7101

**Taiwan** *cont.*
Nematoda 1677
*Petaurista petaurista* 537, 6600
*Phyllostachys pubescens* 6281
*Pinus taiwanensis* 186, 1451
plant succession 6481, 7101
plantations 4847
*Polychrosis cunninghamiacola* 3098
provenance 53, 5054, 5977
rain forests 6468
*Rhizophora mucronata* 2879
Salicaceae 1593
*Salix chingshuishanensis* 7073
seeds 6665
shelterbelts 5376, 6937
soil chemistry 7101
soil water 1397, 1443
species trials 4683, 5977
squirrels 537, 3161
stand characteristics 142
synecology 2989-2990, 6468
*Taiwania cryptomerioides* 6857, 7134
vegetation types 6471
water conservation 7296
***Taiwania cryptomerioides***
growing media 6197
growth models 6857
increment 6857
mycorrhizas 7134
photosynthesis 6197
plant water relations 6197
provenance 5518
seeds 1220
species trials 5518
***Taiwania flousiana***
China, Zhejiang 6246
plant anatomy 5786
taxonomy 5786
***Talauma minor,*** wood anatomy 333
***Tamarindus indica***
agroforestry 2546, 3210
aquaculture 5369
edible species 7835
plant composition 7835
salt tolerance 3743
seedlings 3743
seeds 7835
species trials 3210
***Tamarix***
dunes 2493-2494
erosion control 2493-2494
Oman 5176
Saudi Arabia 5176
United Arab Emirates 5176
Yemen Arab Republic 5176
Yemen Democratic Republic 5176
***Tamarix aphylla***
aquaculture 5369
multipurpose trees 3950
plant colonization 5209
shelterbelts 3950
shoot cuttings 1795, 7511, 7514
***Tamarix chinensis***
agroforestry 4546
birds 4522, 5342
plant water relations 5723
weight determination 2717
***Tamarix nilotica***
geology 7951
plant composition 7951
vegetation types 7951
***Tamarixia leucaenae*** 5918
***Tamiasciurus hudsonicus*** 69, 3392, 4470, 4521
**Tanstuffs** 4655
**Tanzania**
*Adansonia digitata* 395
agroforestry 6011
breeding programmes 2331
choice of species 4082
*Cupressus lusitanica* 2331
erosion control 6011
*Eucalyptus* 2331
forest influences 3657
forest inventories 1372-1373, 1841
forest management 1841
*Heteronygmia dissimilis* 4516
international cooperation 1841
*Khaya nyasica* 4516
*Leucaena leucocephala* 4082
multipurpose trees 6742
**Tanzania** *cont.*
nature conservation 565
*Peddiea thulinii* 3783
*Pinus elliottii* 2331
*Pinus patula* 2331
remote sensing 1373
seeds 6742
site preparation 3441
*Tectona grandis* 1313, 2331
*Trichilia lovettii* 1592
working plans 1362, 1372
**Taper, stem** (*see* Form factors; Stem form, taper)
***Tapirira,*** biomass 3513
***Tarrietia*** (*see Heritiera)*
**Taungya** 559, 1124, 1126, 2545, 3214, 3863, 3992-3993, 5394, 6049
(*see also* Agroforestry; Shifting cultivation)
**Taxaceae**
taxonomy 2977
USA 2977
**Taxes** 604, 741, 1186, 2593, 3304, 3312-3314, 4540, 4653, 5498, 5694, 6116, 6307-6308, 7447
**Taxodiaceae**
Chile 6389
ornamental woody plants 6389
***Taxodium***
dendrochronology 5445
dendroclimatology 5445
***Taxodium ascendens,*** agroforestry 4546
***Taxodium distichum***
agroforestry 4546
altitude 5704
arboreta 3337
artificial regeneration 2678
Bulgaria 2195
climate 5704
dendrochronology 8184
exotics 3337
increment 5646, 5704
insect pests, *Coptotermes* 3076
mortality 5646
plant composition 909
pollen 3680
rodents 2678
seed dispersal 5129
silvicultural characters 2195
soil chemistry 5704
species trials 3337
wood anatomy 7821
**Taxonomy** (*see also* Chemotaxonomy)
*Abies* 5144
*Acacia* 2190, 2207, 2275, 2942, 3776, 6446
Acanthaceae 5034
*Acer* 6506
*Acidosasa* 3770
*Aiphanes* 3782
*Alnus* 2976
*Alseodaphne* 5067
*Amentotaxus* 3781
*Ampelocalamus* 2979-2980
Annonaceae 1518, 5160
Araliaceae 1586
*Arundinaria* 940, 2980-2981, 3770
*Asteromyrtus* 2269
*Aulonemia* 6454
*Avicennia* 1533
*Baliospermum* 5828
*Bambusa* 940
Bambuseae 386
*Beilschmiedia* 3772
*Betula* 315, 936, 2976, 3255
Betulaceae 2976
*Boswellia* 6458
*Brachychiton* 1583
*Bretschneidera* 388
*Bulnesia* 3777
Buxaceae 3769
*Buxanthus* 7915
*Buxella* 7915
*Buxus* 7915
*Calamus* 2272, 3670
Calamus 3779
*Calamus* 5827
*Canthium* 6447
*Carpinus* 2976
*Carruthersia* 7913
*Castanea* 6998
**Taxonomy** *cont.*
*Castanopsis* 2974, 5829, 6998
*Ceriops* 2270
*Chamaedorea* 7068
*Chimonobambusa* 940, 2979-2980, 3770
*Cinnamomum* 382, 3772
Cneoraceae 5030
*Coccoloba* 7074
*Colombobalanus* 387
*Commiphora* 6458
Connaraceae 2277
*Cordia* 385, 2273
*Corylus* 2976
*Coussapoa* 5152
*Crataegus* 3778
*Croton* 5828
*Cryptocarya* 3772
*Cyathea* 3773
Cyatheaceae 3773
*Dacrycarpus* 4367-4368, 6395
*Dacrydium* 4367-4368, 6395
*Dendrocalamus* 2979
*Dinochloa* 1591
*Disepalum* 5154
*Drepanostachyum* 1589
*Drypetes* 378, 381
*Elaeocarpus* 7069
*Encephalartos* 943, 7075, 7794
*Endiandra* 3772
*Eucalyptus* 891, 1587, 5023, 5785, 6450, 7072
*Fargesia* 2978
*Ficus* 380, 6374
*Formanodendron* 387
*Gambeya* 7066
*Gelidocalamus* 940, 1588
*Gironniera* 377
*Guarea* 3775
*Guatteria* 1518
*Halocarpus* 4367
Hamamelidaceae 5158
Hamamelididae 5029
Hernandiaceae 5833
*Holarrhena* 7913
*Hyospathe* 942
*Ilex* 1582
*Indigofera* 5141, 5149
*Indosasa* 3770
*Juniperus* 7919
*Keetia* 6447
*Keteleeria* 5145
*Lagarostrobos* 4367-4368
*Lagerstroemia* 7916
Lauraceae 384, 2973, 5832
*Lecointea* 5153
Leguminosae 7127
*Lemurodendron* 1584
*Lepidothamnus* 4367
*Leptospermum* 4366
*Leucaena* 5826
*Licaria* 384
*Lindera* 3772, 6451
*Lingnania* 938
*Lithocarpus* 6998
*Litsea* 3772, 5177
*Malleastrum* 7065
*Matisia* 2274, 5159
*Medusagyne* 7912
*Melaleuca* 2269
*Melochia* 5155
*Mesibovia* 4368
*Microcachrys* 4367
*Microdesmis* 1585
*Microstrobos* 4367-4368
*Mouriri* 383
*Neofabricia* 4365
*Neolitsea* 3772
*Notobuxus* 7915
*Ocotea* 384, 937
*Oreocalamus* 940
*Ostrya* 2976
*Pachystigma* 6448
*Parasitaxus* 4367
*Peddiea* 3783
*Persea* 384, 944
*Phyllostachys* 7070
*Pinus* 945
*Plactocomia* 5827
Platanaceae 5168
*Podocarpus* 1546, 6395

**Taxonomy** *cont.*
*Populus* 379, 2271
*Pourouma* 5152
*Prosopis* 3690
*Prumnopitys* 6395
*Psychotria* 6453
*Psydrax* 6447
*Ptychosperma* 7067
*Qiongzhuea* 940
*Quararibea* 5159
*Quercus* 3789, 5142
*Racemobambos* 940, 3770
*Randia* 6452
*Rhaptopetalum* 5031
*Rhizophora* 5148
*Rhus* 5018
*Robinia* 5779
Rubiaceae 4321
*Ruprechtia* 7914
*Sabal* 4369
*Salacca* 5827
Salicaceae 1593
*Salix* 7073, 7917
*Sasa* 2975
*Schizostachyum* 939
Scytopetalaceae 5031
*Scytopetalum* 5031
*Senna* 5147
*Shorea* 6449
*Sinarundinaria* 2979, 3770
*Sinobambusa* 2980, 3770
*Sinoga* 2269
*Skimmia* 6445
*Sorbus* 941
*Sphaerobambos* 1590
*Spirolobium* 7913
*Stangeria* 7794
*Symplocos* 2222, 3780
*Tabernanthe* 2276
*Taiwania* 5786
Taxaceae 2977
*Taxus* 2977
*Tessmannianthus* 5151
*Thamnocalamus* 3770
*Toona* 5143
*Torreya* 2977
*Trichilia* 1592
*Trigonobalanus* 387
*Trigonostemon* 5828
*Triplaris* 7914
*Vateria* 5150
*Vismia* 6455
*Vochysia* 3771
*Votomita* 383
*Wallichia* 5827
*Yushania* 2980, 7070
*Zamia* 2220
*Ziziphus* 907
***Taxus***
nurseries 3241, 6899
ornamental woody plants 6899
plant composition 5789
reviews 5789
taxonomy 2977
USA 2977
***Taxus baccata***
air pollution 7746
biochemistry 7885
cytology 7885
enzymes 7885
foliage 914
forest litter 4262
plant physiology 914
pollen 7885
seed germination 6749
seeds 6749
soil types 4836
stand characteristics 4836
synecology 4836
vegetation types 4836
***Taxus brevifolia,*** height 6848
***Taxus floridana***
seeds 2560
vegetative propagation 2560
***Tecomella undulata***
foliage 2260
optical properties 2260
***Tectona grandis***
afforestation 3431
agroforestry 1746, 1768, 2546, 6484
allelopathy 6484
***Tectona grandis*** *cont.*
anthraquinones 3719
breeding programmes 2331
choice of species 3354, 6716
cycling 7706
elephants 2482
enzymes 2136
fodder 6836
foliage 1444, 2260, 6836
forest influences 865, 1444, 6971
forest litter 4922, 7705-7706
fruit 6743
ground vegetation 7942
growth regulators 1954
growth rings 286
height 761
humus 1444
increment 3514
insect pests 1649, 2418
*Cossus* 2430
*Hyblaea* 7204
*Leptobyrsa* 7193
light 1387
multipurpose trees 3339
natural regeneration 168
nurseries 1954, 5343
nutrient deficiencies 2136
optical properties 2260
phenology 1387
plantations 4838, 6716, 7705, 7942
planting 4136
planting stock 1985, 2672, 3425, 4136
provenance 5240, 6743, 7460
remote sensing 5689
reviews 302
seed collection 3366
seed germination 3370, 5240, 7489
seed orchards 3039
seed sources 3366
seed treatment 3370, 5240, 6743, 7489
seeds 2418, 3039
shade trees 6484
silviculture 3354
site class assessment 758, 3529, 3533
soil chemistry 865, 1444, 6971
spacing 3462
species trials 4694, 6713
stand characteristics 168, 4838
stand tables 758
synecology 168, 7094, 7782, 7942-7943
Tanzania 1313, 2331
taungya 2545
tissue culture 1985
tree breeding 3039
Trinidad and Tobago 4838
Vanuatu 3339, 3354
variation 5240
volume determination 165, 4194
volume tables 165
wood anatomy 1467, 3681
wood properties 286
***Telenomus*** 8033
***Telenomus aradi*** 4462
***Telenomus kolbei*** 3138
***Telenomus podisi*** 3080
**Temperature** 7671
**Tending** 3469, 6707, 7558
***Terastia meticulosalis*** 8040
***Terminalia***
agroforestry 1758
charcoal 1758
***Terminalia alata***
plant composition 1506
plant nutrition 2138
seedlings 2138
vegetation types 2303
***Terminalia arjuna***
alkaline soils 5516
choice of species 5516
frost resistance 7676
irrigation 612, 1994
saline soils 5516
soil chemistry 241
species trials 6713
***Terminalia bellirica,*** frost resistance 7676
***Terminalia brasiliensis,*** biomass 3513
***Terminalia brassii***
choice of species 3338
increment 2793
planting 4136
planting stock 4136
***Terminalia brassii*** *cont.*
seed collection 3366
seed germination 3370
seed sources 3366
seed treatment 3370
seeds 5542
site class assessment 3529
soil compaction 2793
thinning 3457
volume determination 2720, 4194
volume tables 2720
***Terminalia brownii***
agroforestry 6055
green manures 6055
***Terminalia calamansanai***
choice of species 3338
multipurpose trees 3339
nurse trees 3473
seed collection 3366
seed germination 3370
seed sources 3366
seed treatment 3370
Vanuatu 3339
volume determination 3504, 4194
volume tables 3504
***Terminalia catappa,*** insect pests, *Epicerura* 7196
***Terminalia ivorensis***
forest fires 296
insect pests, *Epicerura* 7196
natural regeneration 296
plantations 8127
***Terminalia myriocarpa,*** insect pests, *Trabala* 8037
***Terminalia paniculata,*** wood anatomy 1467
***Terminalia spinosa***
agroforestry 1752
fodder 1752
***Terminalia superba***
agroforestry 7350
biology 6388
habit 308
insect pests, *Epicerura* 7196
phenology 308
seedlings 308
species trials 6712
tree breeding 6388
***Terminalia tomentosa***
biomass 2060
foliage 2260
light 1387
optical properties 2260
phenology 1387
plant composition 2060
seed germination 1904
synecology 7782, 7943
**Terminologies**
Chinese 579
English 145, 7392
French 7392
German 6666, 7392
history 6666
Italian 7392
machinery 1816
Serbo Croat 1816
Spanish 7392
**Termites** (*see* Isoptera)
**Terracing** (*see* Contour ridging)
**Terrain classification** 4259
***Tessmannianthus cereifolius,*** taxonomy 5151
***Tetragastris,*** plant morphology 7831
***Tetragastris panamensis,*** photosynthesis 5715
***Tetralopha rubustella*** 2419
***Tetrapleura tetraptera***
dormancy 2619, 7484
edible species 7484
fruit 7484
medicinal plants 7484
multipurpose trees 7484
seed germination 2619, 7484
seed treatment 2619, 7484
***Tetrastichus*** 3906, 3918, 4501
***Tetrastichus servadeii*** 6548
***Tetropium*** 1434-1435
***Tetropium gabrieli*** 8059
**Thailand**
*Acacia catechu* 1892
afforestation 1731

**Thailand** *cont.*
agroforestry 1127, 3214
arthropods 6528
*Azadirachta indica* 1896
Bambuseae 2599
breeding programmes 3039
*Bruchus bilineatopygus* 2437
*Cassia siamea* 1890
*Casuarina equisetifolia* 1891
deforestation 1731
*Dipterocarpus alatus* 2266
*Eucalyptus* 1731, 7322
fodder 7467
forest ecology 6528
forest influences 2178
forest ownership 1127, 3214
*Formanodendron doichangensis* 387
fruit 1894
fuelwood 7467
*Gmelina arborea* 1888
*Heteropsylla cubana* 5931
*Horsfieldia glabra* 1491
insect pests 2418
land use 7322
*Leucaena leucocephala* 1889, 7126
*Millingtonia hortensis* 7014
national parks 1130
*Pentacme suavis* 1887
planting stock 2672
private forestry 1127
research 2599
*Rhizobium* 7126
rural economy 7322
seed orchards 3039
seed sources 1898
seeds 1894, 1898, 3039
shifting cultivation 2540
*Shorea roxburghii* 1899
soil types 7126
species trials 7467
*Tectona grandis* 2672, 3039
wildlife 1130
***Thamnocalamus,*** taxonomy 3770
***Thanasimus formicarius*** 7224, 8064
***Thaumetopoea pityocampa*** 2453, 5333, 6548, 7195, 7198, 7213, 8038
***Thecodiplosis brachyntera*** 4502
***Thecodiplosis japonensis*** 514, 1609, 1676, 2444-2445, 3130, 3917, 3919, 8070
***Theronia atalantae*** 8039
**Theses**
*Abies concolor* 3680
*Abies grandis* 3820
*Acacia* 2190, 2197-2198, 2298
*Acacia horrida* 6267, 6366
agroforestry 560, 1103, 1123, 3192, 3997-3998, 6055-6056, 8144
*Arceuthobium americanum* 5298
bibliographies 7389
biomass 3519, 4201
birds 4522, 5355
*Boswellia frereana* 6834
*Boswellia sacra* 6834
browse 3486, 5337
*Choristoneura fumiferana* 3284
*Cinara pilicornis* 4465
cones 497
*Cordeauxia edulis* 6262, 6266
*Cronartium fusiforme* 3876
decay fungi 4424
deforestation 3552
dunes 2492
economics 4238
energy relations 4633
erosion control 2492
*Fagus sylvatica* 4424
fertilizers 3486
forest management 3552
forest recreation 7358
forestry development 4660
frost resistance 3829
grazing 4519
immunology 3876
India 5503
insect pests 497, 3067, 6573
*Juniperus osteosperma* 5178-5179
*Kielmeyera coriacea* 3360
logging 3820
Madagascar 7389
mammals 5357
mulching 3997

**Theses** *cont.*
mycorrhizas 5260
*Mycosphaerella populorum* 5285
natural regeneration 3820, 5213
palaeoecology 5169-5170
phenology 2198
*Phytophthora cinnamomi* 4436
*Picea glauca* 4944
*Picea mariana* 3067
*Pinus echinata* 4436
*Pinus edulis* 5178
*Pinus elliottii* 4801-4802
*Pinus ponderosa* 4519
*Pinus* 'Southern' 4238
*Pinus taeda* 3829, 3876, 4436, 4802
plant composition 3486
plant nutrition 4944
plant succession 5215, 5221
Platanaceae 5168
*Platanus occidentalis* 3841
pollen 3680
*Pontania lasiolepis* 6573
private forestry 4869
*Pseudotsuga menziesii* 3820
reclamation 7312
remote sensing 3552, 4883
research 5503
root nodules 5019
*Salix aquatica* 4201
seeds 3360
*Sequoia sempervirens* 3820
shelterbelts 1110
site class assessment 3518-3519
stand characteristics 3284, 5213
synecology 1595, 5195-5196
*Taxodium distichum* 3680
tissue culture 4733
*Tomicus piniperda* 6567
tree breeding 3841, 5229
tropical forests 5194
*Tsuga* 3820
*Tsuga canadensis* 3680
underwood 3820
vegetation 3552
vegetation types 4391
viral diseases 5291
wildlife 4869
wind damage 3284
***Thespesia populnea,*** aquaculture 5369
**Thinning**
*Abies* 359, 1283, 2457, 2689, 4795, 4800, 5652, 6240
*Acacia* 691, 1306, 3469
*Acer* 4768
*Alnus* 3456, 6235
*Betula* 2006, 4768
*Callitris* 4152
*Carya* 3420
*Chamaecyparis* 1307, 4793, 7297
chemical treatment 6235
computer techniques 4708
coppice 3420
*Cryptomeria* 137, 1307, 6237
*Cunninghamia* 4298
damage 1303, 1433, 3392, 4149, 4911, 7533, 7797
Denmark 1308
diseases 1633, 3867, 4453, 7155
ecology 694, 826, 4797, 4893, 4990, 5206, 5219, 5358, 6845, 7283
economics 140, 778, 1305, 2003, 4148-4149, 4151, 4177, 4893, 6239-6240, 6312, 7557
*Eucalyptus* 3469, 4153, 4805
*Euterpe* 2691
*Fagus* 4148, 4155, 4795, 5603, 6273, 7191
frequency 4149
*Haloxylon* 6910
hydrology 2005, 3459, 7297
*Larix* 136, 1307, 3458, 4151, 5602, 5605, 6989
logging 156, 854, 1303-1305, 3542, 5747, 6360
machinery 1317, 4177, 4796
methodology 6808
microclimate 2005, 4797, 6989, 7521, 7797
mixtures 2006, 5600, 5652, 6809

**Thinning** *cont.*
natural thinning 1838, 3463, 3532, 3795, 4201, 4255, 4374, 4800, 4804, 5232, 6285
pests 2456-2457, 4511, 4521, 7191, 7218
*Picea* 695, 1308, 2006, 3455, 3867, 4149-4150, 4206, 4794-4795, 4800, 5219, 5602, 5616, 6236, 6238-6239, 6312, 6806, 7521, 7557, 7797
*Pinus* 59, 135, 138-139, 147, 690, 692, 694, 826, 860, 1120, 1433, 2003, 2053, 2456, 2690, 2729, 3392, 3459, 3463, 4149, 4154, 4521, 4548, 4708, 4749, 4792, 4797, 4800, 4802, 4911, 4990, 5358, 5601, 5608, 6007, 6043-6044, 6238, 6241, 6243, 7218, 7283, 7413-7414, 7555-7556, 7635
planning 59, 136, 1305-1306, 1433, 2690, 2729, 3457, 3469, 3534, 3542, 4154, 4708, 4792, 5600, 5602, 6292, 6808-6809, 7557
plant physiology 359, 2005, 2689, 4749
*Populus* 7563
*Pseudotsuga* 141, 281, 731-732, 2046, 2457, 3391, 3493, 3534, 4156, 4297, 5602, 5606
*Quercus* 2004, 3420, 4795
selection criteria 1283, 1308, 3455, 4154
simulation 138, 141, 1838, 2003, 2046, 2735, 4149, 5606, 5670, 7413-7414
soil 695, 2005
statistical methods 4792
stem form 2004, 4150
Switzerland 1308
systematic thinning 692, 731, 3457, 4154, 4206
*Terminalia* 3457
theory 3795, 4374
*Tsuga* 3391, 3535, 4800, 5219, 6239
volume determination 4155
weight determination 752
wood properties 281, 860, 2854, 4297-4298, 5607, 6243
work study 693
***Thrips calcaratus*** 5303
**Throughfall** 547, 833, 835, 851, 1103, 2089, 2135, 2490, 2831, 2847, 2865, 3166, 3459, 3573, 3608, 4530, 4937, 4966, 5371, 5392, 5752, 6318, 6353, 6607, 6610, 7293, 7297, 7302, 7738, 8110, 8115
***Thuja***
flowering 5139
flowers 5139
***Thuja occidentalis***
arboreta 3337
cross pollination 5140
evapotranspiration 5086
exotics 3337
German Federal Republic 2614
grafting 7372
insect pests, *Cinara* 1656
plant succession 6480
plant water relations 2822, 4935, 6342
sap flow 4935
self pollination 5140
species trials 3337
stand characteristics 5195
stomata 5086
synecology 957, 5195
***Thuja orientalis***
arboreta 3337
bark 1465
chemistry 352
exotics 3337
foliage 352
frost injury 5517
grafting 7372
insect pests, *Cinara* 1655, 6535
provenance 4692, 5517
rootstocks 7372
seedlings 7971
seeds 7971
species trials 3337
variation 7971

***Thuja plicata***
air pollution 3620
arboreta 3337
clear felling 6372
competition 3460
controlled burning 2869, 4997, 6372
cycling 5736
diameter 3494
ethnobotany 2016
exotics 3337
flowering 5139
flowers 5139
forest litter 4997
fungal diseases
*Armillaria* 4437
*Botrytis* 3881
*Heterobasidion* 8005
German Federal Republic 2614, 6078
increment 3460, 3511-3512, 3517
logging 5736
mud flows 5222
palaeoecology 4379, 5175
plant succession 5222
pollination 5133
slash 4997
spacing 3460, 5612
species trials 3337
stand characteristics 5612
stumps 3494
synecology 7087
underwood 5208
***Thuja standishii,*** old and fossil wood 7929
***Thujopsis dolabrata***
fungal diseases, *Caeoma* 1058
height 171
natural regeneration 935
witches' brooms 1058
wood chemistry 264
***Thyridopteryx ephemeraeformis*** 7215
***Thyronectria austro-americana*** 6516, 7159
***Thyrsostachys oliveri,*** growth 719
***Thyrsostachys siamensis,*** vegetation types 3010
***Thysanogyna limbata*** 2463
***Thysanophora penicillioides*** 4262
***Tilia***
Acari 5965
fertilizers 7375
forest litter 6334
frost injury 3279
fungal diseases 3279
growth models 6642
increment 6642
insect pests
*Pulvinaria* 3082
*Pyrrhocoris* 3077
mixtures 4265
palaeoecology 2995
soil biology 6334
soil chemistry 4267
soil fertility 4267
street trees 5965, 7375
underplanting 4267, 6228
urban forestry 6642
wood defects 3279
***Tilia americana***
cytology 5027
insect pests, *Thrips calcaratus* 5303
natural regeneration 2661
plant composition 1232, 5027
seeds 1232
stand characteristics 5368
underwood 1603
wildlife 5368
***Tilia amurensis,*** humus 4921
***Tilia argentea*** (*see Tilia tomentosa*)
***Tilia cordata***
age of trees 979
biomass 2056, 6127
bonsai 2562
bud culture 4096
callus 5041
crown 2292, 2966
discoloration 4323
distribution 979
foliage 2056, 2562
increment 2056
insect pests 8022
irrigation 7369
mistletoes 4454
mixtures 2056, 4320, 6127, 7579-7580
***Tilia cordata*** *cont.*
mulching 5436
nitrogen fixation 4279
nurseries 7369
ornamental woody plants 7369, 8022
plant disorders 2966
plant nutrition 4454
rendzinas 4279
roots 5436
shoot cuttings 4096
silvicultural characters 4320
spacing 7569
stand characteristics 2292
tissue culture 7506
transplanting 7368
underplanting 4163
wood anatomy 4323
wounds 4323, 5041
***Tilia euchlora***
flowers 7176
leaf area index 4157
spacing 4157
street trees 4157
urban forestry 4157
***Tilia europaea***
age of trees 4193
cytology 2781
heat injury 2781
street trees 2563
tree surgery 2563
vegetative propagation 2563
***Tilia grandifolia,*** flavanols 5790
***Tilia heterophylla,*** photosynthesis 7888
***Tilia platyphyllos***
Acari 4503
age of trees 4193
amelioration of forest sites 681
crown 2292, 2966
galls 4503
plant disorders 2966
soil amendments 681
stand characteristics 2292
tree surgery 8176
wounds 8176
***Tilia tomentosa***
air pollution 4954
dieback 4954
flowers 7176
***Tilia vulgaris*** (*see Tilia europaea*)
**Tillage** 1991, 2698
(*see also* Soil water, tillage)
***Tipuana tipu,*** fodder 7595
**Tissue culture** 7964
(*see also* Vegetative propagation)
*Abies* 2019
*Acacia* 4729
*Acer* 4733
*Aesculus* 1912, 7968
*Ailanthus* 900
*Albizia* 6763
*Alnus* 1821, 2634, 4096
*Araucaria* 4102
*Artocarpus* 6159
*Azadirachta* 4729
*Bambusa* 4724, 6755
Bambuseae 2028
*Betula* 78, 1243, 1915, 1922, 2635, 3376, 4096, 4734, 6163, 7373, 7506
books 1804
*Brucea* 7500
bud culture 75, 640-641, 646, 1029, 1243, 1911, 1915, 1931, 2028, 3871-3872, 4093, 4096, 4098, 4734, 5546, 5554, 7510
callus 76, 82, 354, 639, 900, 1242, 1492, 1531, 1927-1928, 1931, 1934, 2635, 3384, 3837, 4724, 4731, 4824, 4939, 5801, 6164, 6422, 7502
*Castanea* 6756
*Cedrela* 72
*Cedrelinga* 72, 1934
cell culture 337, 921, 1256, 1535, 1919, 1923-1924, 3376, 3384, 4736, 5547, 6164, 6166, 6907, 7497-7500
*Chamaecyparis* 646
chemistry 900, 1531, 1535
*Cinchona* 1926
conferences 1804
Coniferae 1256, 1919, 4738
*Copaifera* 72
*Cornus* 6644
*Corylus* 1910
cryopreservation 6164, 7968
*Cryptomeria* 646
culture media 75, 1911-1912, 2634, 4727-4728, 4734, 4824, 5554
*Dalbergia* 77, 4729, 5553
embryo culture 79, 83-84, 445, 1246, 1252, 1255, 1910, 1920, 1927, 2629, 3380, 3386, 3850, 4098, 4720, 4726, 4735, 4739, 4741, 6139, 6159-6160, 6165, 6644, 6744, 6756, 7505, 7507
*Encephalartos* 7794
*Eremophila* 7021
*Eucalyptus* 1535, 1931, 1985, 3415, 3762, 4727-4729, 6907, 7497
*Euonymus* 2629
*Fagus* 4096, 6163, 7506, 7968
*Fraxinus* 4096
*Guazuma* 72
*Hevea* 6159
*Huberodendron* 72
*Hymenaea* 72
*Juglans* 640, 648, 3850, 7506
*Larix* 1933, 3384, 4743, 7506
*Leucaena* 4729, 4731
*Libocedrus* 1927
*Magnolia* 6163
*Mangifera* 6159
*Melia* 4729
metabolites 1925, 2928, 4736, 7021, 7056, 7504
methodology 1914, 5552
*Metrosideros* 1253
*Morus* 4824, 7373
*Myrica* 646
*Myroxylon* 72
organ culture 72, 77-78, 81, 445, 639, 1249, 1910, 3837, 4098, 4731, 5553, 6165, 7983
ornamental woody plants 2559
*Parkia* 72
*Paulownia* 646
*Persea* 6159
*Picea* 83-84, 354, 1246, 1255, 1920, 1925, 4720, 4726, 4736, 4741, 5506, 5554, 5801, 6164-6165, 7505-7506
*Pinus* 81-82, 354, 646, 1246, 1913, 1916, 1918, 1925, 1928, 4102, 4737, 4739, 5506, 7056, 7501, 7506-7507
*Populus* 445, 639, 1029, 1242, 1917, 2671, 3376, 3871-3872, 4093, 4096, 4101, 7503, 7506, 7509, 7982-7983
*Prunus* 1936, 4094, 4096, 6422, 7373, 7504
*Pseudotsuga* 1246, 1925, 3386, 4098, 4735, 5547
*Quercus* 1248, 1252, 1531, 2928, 4096, 4725, 5546, 6171, 6762, 7502, 7506, 7968
research 3315
reviews 4729, 6160, 7515
*Robinia* 646, 1821, 4096, 5552
*Salix* 1911, 1929, 3837
*Salvadora* 1985
*Sequoia* 6166
*Shorea* 3380
*Sorbus* 4096, 7506
*Stangeria* 7794
*Swietenia* 72
*Tectona* 1985
*Tilia* 4096, 7506
*Ulmus* 1249, 4096
*Ziziphus* 641, 7510
***Tithonia diversifolia***
mine spoil 553
mined land 553
reclamation 553
**Togo**
*Azadirachta indica* 3701, 5691
*Gyranusoidea tebygi* 7254
*Rastrococcus invadens* 7254
***Tomicus minor*** 1667
***Tomicus piniperda*** 1667, 3909-3910, 4910, 6567, 7218, 7221, 7223-7224

***Tomocerus minor*** 7715
**Tonga**
agroforestry 3991
deforestation 3991
*Heteropsylla cubana* 5923
***Toona***
botany 5143
taxonomy 5143
wood anatomy 7832
***Toona australis*** (*see Toona ciliata*)
***Toona ciliata***
fungal diseases, *Unicinula* 5900
wood anatomy 7832
***Toona sinensis***
mycoplasmal diseases 5290
wood anatomy 7832
**Topography** (*see* Aspect; Relief; Slopes)
**Topping** 139
**Torrent training** 4022, 4529, 5383
***Torreya***
taxonomy 2977
USA 2977
***Torreya jackii***, vegetation types 411
***Torreya taxifolia***
seeds 2560
vegetative propagation 2560
**Tortricidae** 5939, 7250
***Tortrix viridana*** 3141, 4514, 7202, 7250, 7255
***Torymus*** 4501
***Torymus azureus*** 5961
***Toumeyella parvicornis*** 7275
***Toumeyella pini*** 4505
***Tournefortia***, Brazil 946
***Trabala vishnou*** 4477, 8037
**Trace elements** (*see* Nutrient deficiencies, minor elements; Plant composition, minor elements; Plant nutrition, minor elements; Soil chemistry, minor elements)
**Tracks** 4976
**Tractors** 1816, 4059, 6250, 6252, 7586
standards 1151, 3257-3260
***Tragelaphus*** 4520
**Training** 1189, 1191, 1817-1818, 2596, 5395, 5505, 6120, 6701, 6703
***Trametes pini*** (*see Phellinus pini*)
***Trametes versicolor*** (*see Coriolus versicolor*)
**Translocation** 73, 187-188, 912, 923, 2381, 2579, 2845, 2950, 5084, 5795, 5881, 6948, 6960, 7040
books 575
reviews 2958
**Transpiration** 254, 261, 271, 364, 1415-1416, 1571-1572, 2145, 2179, 2252, 2488, 2819, 2824, 4273, 4934, 4936, 5098, 6940, 6951, 6960
reviews 2491
**Transplanting**, trees 1786, 7368, 7376-7377
**Transport**
planning 200
standards 1150
**Tree breeding** 7964
(*see also* Genetics)
books 1804
breeding programmes 1823
Australia 4423
Queensland 1820, 4102
Belgium 2578
Canada 2578
Alberta 7107
British Columbia 7977
New Brunswick 438
Nova Scotia 438
Ontario 442, 6204
Prince Edward Island 438
China 4418, 7963
Czechoslovakia 7969
Developing Countries 2597
Djibouti 6112
France 2578, 4423, 6321
German Democratic Republic 1212, 4415, 5506, 6493
German Federal Republic 2697
Korea Republic 7965
Nepal 1606, 7106
New Zealand 1821, 3834, 4407
South Africa 5861
Sweden 151
Switzerland 2346
breeding programmes *cont.*
Tanzania 2331
Thailand 3039
Tropics 3023
USA 2578, 3034, 4423, 6501
California 4422
USSR 7112
Estonian SSR 6760
Vanuatu 3843, 4410
computer techniques 23
conferences 583, 1160, 1804, 4618
early selection 710, 1026, 1916, 1935, 3026, 3028-3029, 3034, 3652, 3841, 4129, 4409, 5239, 5863, 6492, 7111, 7983
ecology 3031
economics 2323, 2327, 3023, 3834, 3841, 4772, 7111
genetic engineering 83, 585, 1612, 2324-2325, 2330, 2335, 2355, 3837, 3850, 4405, 5858, 7120, 7981-7982
genetic gain 446, 638, 1025, 1609-1610, 2327, 2330, 3023, 3037, 3834-3835, 3841, 4411, 6495-6496, 6711, 7105
inbreeding 446, 5233, 5237, 7966, 7977
mathematics 5235
methodology 1914, 3834, 3841, 4102, 4406-4407, 4419-4420, 5227, 6444, 7478
(*see also* Flowering, induction; Pollination)
patents 5858
phenotypic selection 638, 3842, 4407, 5239, 6129, 6492
ploidy 1914, 6497, 7116
progeny testing 3024
*Acacia* 5863
*Alnus* 7978
*Araucaria* 1820
*Betula* 151, 2613, 6719
*Chamaecyparis* 1025
*Eucalyptus* 446, 1040, 5861
*Juglans* 1821, 6505
*Larix* 438, 581, 4415
*Leucaena* 2361
*Picea* 438, 442, 6355, 6760, 7110
*Pinus* 438, 1026, 2333, 3034, 3835, 4411, 4772, 5229, 5233, 6355, 6387, 6711, 7247, 7970
*Populus* 151, 1212, 1620, 3038, 3839
*Prunus* 7494
*Pseudotsuga* 6493
*Ulmus* 447
research 2597, 7107
resistance
damage 238, 271, 1030, 1423, 2779, 6322, 6355, 7110
diseases 484, 489, 1034, 1056, 1620, 1916, 2346, 2613, 3847, 3876, 4445, 5282, 5898, 6711, 7116, 7158, 7983, 8016
pesticides 2355
pests 1609, 2332, 2443, 3848, 5976, 7110, 7247, 7970
reviews 1607, 2516, 3024, 7515
selection criteria 361, 1019, 1935, 3031, 4407, 4415, 4422, 5861, 5863, 6321, 6492, 7116, 7966-7967
simulation 2327, 3835
statistical methods 4409
theory 2330, 7105
wood properties 857, 2209, 3026, 3029, 3652, 5862, 6497, 7006, 7974
**Tree classes** 2050-2051
**Tree guards** 1138, 1294, 1694, 2678, 5340, 8166
**Tree injection** 4631, 4950, 5101-5102, 5431-5432
patents 7412
**Tree shakers** 3371, 6823
**Tree surgery** 1137, 2563, 4565, 6645, 8176
**Treelines** 2088, 3003
reviews 7932
***Trema***, seed germination 1883
***Trema guineensis***
wood anatomy 309
wood chemistry 309
***Trema micrantha***, seed banks 634
***Trema orientalis***
bacterial diseases 7166
bark 2208
galls 7166
medicinal plants 2208
***Trewia nudiflora***
foliage 2260
optical properties 2260
seed dispersal 5823
synecology 5183
wood anatomy 5788
***Trichanthera gigantea***, fodder 4181
***Trichapion lativentre*** 1072, 4493
***Trichaptum abietinum*** 4434, 5865
***Trichilia cipo***, photosynthesis 5715
***Trichilia havensis***, wood anatomy 333
***Trichilia hirta***, increment 7621
***Trichilia lovettii***, taxonomy 1592
***Trichilia tuberculata***, coppice 5578
***Trichoderma*** 2812, 3866, 4448, 7149
***Trichoderma hamatum*** 6932
***Trichoderma koningii*** 6932
***Trichoderma polysporum*** 6932, 7149
***Trichoderma viride*** 6932, 7149, 7169, 7709
***Trichodorus*** 8072
***Trichogramma dendrolimi*** 3138, 8033
***Trichogramma evanescens*** 3138
***Trichogramma minutum*** 6545
***Trichogramma ostriniae*** 3138
***Tricholoma*** 465
***Trichoscyphella willkommii*** 485
***Trichosurus vulpecula*** 5344, 5352
***Trichothecium roseum*** 3056, 7143
***Trigonobalanus verticillata***, taxonomy 387
***Trigonostemon chinensis***
distribution 5828
plant morphology 5828
***Trigonostemon filipes***
distribution 5828
plant morphology 5828
taxonomy 5828
***Trigonostemon thyrsoideus***
distribution 5828
plant morphology 5828
**Trinidad and Tobago**
*Heteropsylla cubana* 5918
*Pinus caribaea* 4838
plantations 4838
*Tamarixia leucaenae* 5918
*Tectona grandis* 4838
***Triplaris mato-grossensis***, taxonomy 7914
***Triplochiton scleroxylon***
biomass 184
forest fires 296
increment 184
insect pests, *Anaphe* 6549
natural regeneration 296
plant composition 184
provenance 3342
silvicultural characters 3342
stand characteristics 184
***Trisetacus laricis*** 5966
***Trissolcus euschisti*** 3080
**Tristan da Cunha**, *Phylica arborea* 7909
***Tristania conferta***
agroforestry 3196
increment 3514
***Tristania laurina***
light 6906
nutrient uptake 6906
photosynthesis 6906
***Trochocarpa gunnii***, fungal diseases, *Chalara* 8006
***Trochodendron aralioides***
seed germination 6747
wood anatomy 313
**Tropical forests** (*see also* Vegetation types, Tropics)
bibliographies 3182
birds 5163
books 1813
Brazil 2329
Costa Rica 1824, 2296, 2329, 2416
defoliation 2297, 2416-2417
deforestation 5388
dendrochronology 6651
economics 3568
education 31
evapotranspiration 6934

**Tropical forests** *cont.*
flowering 4322
forest ecology 2329
forest inventories 6300
forest management 1368, 3543, 6687
forestry development 31-32
fruiting 4322
fuelwood 30
genetics 2328-2329
history 598
increment 5194
insect pests 2416
international cooperation 31-32, 606
land use 30
logging 8168
Mexico 1824, 1883, 2297
natural regeneration 1969, 8168
nature conservation 30, 5388, 6063-6064, 8168
Panama 1824, 2119, 2295, 2315, 2328, 2417
periodicals 7383
Peru 7442
phenology 2119, 4322
plant morphology 2119
plant physiology 2254
plant succession 2315
plant water relations 2119
pollination 2329
research 32, 605-606, 1824
reviews 598
secondary forests 6687
seeds 1883
shifting cultivation 3182
silviculture 7537
stand characteristics 2295-2296
sustainable land use 1368, 3182, 3543, 5381
synecology 2295-2296, 2315, 7940
underwood 5163
**Tropics**
agroforestry 204, 1779, 3193, 3969, 3984, 4651, 5381, 5401, 5454, 5459, 6035, 6089
botany 4578-4579
browse 7595
choice of species 4686
climate 5387
deforestation 204, 770, 1729, 2531, 3250, 3969, 4458, 5387, 7329
desertification 5454
diseases 6661
economics 1382, 3568
edible species 159
education 31
extension 42
flora 4579
forest ecology 2254
forest influences 3660
forest inventories 13, 1375, 7652
forest management 204, 599, 1813, 3568, 7396
forest policy 30, 599
forest resources 13, 770
forestry 4651
forestry development 30-32, 599, 5381
fuel plantations 4678
fuelwood 30, 4678
fungal diseases 6661
international cooperation 31-32, 3250
land classification 1375
land use 13, 30, 1779
mycoplasmal diseases 6661
mycorrhizas 7992
nature conservation 30, 6063-6064
Nematoda 6661
rain forests 7329
research 32, 4651
Rubiaceae 4321
seeds 376, 1897
shelterbelts 2515
shifting cultivation 204, 770
social forestry 42
soil conservation 6035
soil fertility 204
soil types 3193
surveying 1375
sustainable land use 3250, 5381, 6089
synecology 2254, 4651
tree breeding 3023
vegetation types 605-606, 4605

**Tropics** *cont.*
viral diseases 6661
volume determination 7652
**Tropisms** 2965, 3741
**Truffles** 1628
***Truncatella angustata*** 5599
***Truncatella truncata*** 7998
***Trypodendron domesticum*** 7223, 8058
***Trypodendron lineatum*** 1434-1435, 1668, 3117, 3122, 6568, 7224, 7236, 8064
***Tsuga***
dieback 7899
distribution 3799
logging 3820
natural regeneration 3820
soil chemistry 7699
underwood 3820
***Tsuga canadensis***
branchwood 3686
chlorosis 7899
increment 3525-3526
insect pests
*Lambdina* 7217
*Parandra* 2432
light 5699
natural regeneration 4395, 5218
plant succession 5218
pollen 3680, 7004
stand characteristics 3525
wood anatomy 3686
***Tsuga chinensis***
fibres 6415
wood anatomy 6996
wood chemistry 6415
***Tsuga diversifolia***
mortality 7079
natural regeneration 7079
plant succession 426
recruitment 7079
soil types 2286
vegetation types 2286
***Tsuga heterophylla***
afforestation 863
air pollution 3620
biomass 5659
browse 5363
cones 7908
controlled burning 2869, 4997
cycling 268, 5736
deer 5363
diameter 3494
drought resistance 2788
fertilizers 3391
foliage 3803
forest influences 5755
forest litter 4928, 4997
fungal diseases
*Armillaria* 4437, 5887
*Botrytis* 3881
*Heterobasidion* 1633, 5887-5888, 8005
*Resinicium* 5887
German Federal Republic 2614
ground vegetation 5219
growing media 93
height 6848-6849
increment 3460, 3511-3512, 3517, 3535, 4635
insect pests
*Coleophora* 3092
*Lambdina* 7217
irrigation 2788
landslides 1707
logging 5736
microclimate 2788
mortality 4800
mud flows 5222
mycorrhizas 2380
natural thinning 4800
palaeoecology 4378-4379
phenology 1458
plant composition 3803
plant physiology 7889
plant succession 4401, 4403, 5222, 6482
pollen 4378
pollination 7908
pruning 4716
roots 4319
seed orchards 4716
seedlings 2380, 2788, 7889

***Tsuga heterophylla*** *cont.*
silviculture 1311, 3466
slash 4997
snow 5755
soil chemistry 268
spacing 3460, 5612
stand characteristics 4378, 4401, 4635, 5612
stumps 3494, 5887
synecology 4401, 7087
thinning 1633, 3391, 3535, 5219, 6239
underplanting 3456
underwood 5219
vegetation types 4403
virgin forests 7092
water stress 7889
yield regulation 3535
***Tsuga mertensiana***
biomass 5659
forest fires 2188
fungal diseases
*Phellinus* 2188, 5271
*Phytophthora* 4431
natural regeneration 5203
palaeoecology 4378
plant succession 2188
pollen 4378
stand characteristics 4378, 5203, 5271
***Tsuga sieboldii***
competition 7926
forest litter 248
German Federal Republic 2614
ground vegetation 1596
light 4300
natural regeneration 1596
stand characteristics 143
vegetation types 1596
**TTS disc cultivator** 7586
**TTS disc trencher** 6800
***Tuber*** 7135
***Tuber aestivum*** 4827, 6509
***Tuber magnatum*** 1628
***Tuber melanosporum*** 4827
***Tuber uncinatum*** 4827
***Tubercularia*** 2392
**Tumours** (*see also* Burrs)
**Tunisia**
browse 1165
fodder 1165
shelterbelts 4533
**Turkey**
*Abies* 1456
*Abies equi-trojani* 3673
*Cedrus libani* 5698, 7543
choice of species 1823
*Fagus orientalis* 5655
fire suppression 5760
fodder 6268
forest fires 5760
forest recreation 1792
labour 608
*Laurus nobilis* 5626
*Leucaena leucocephala* 7592
national parks 1790
*Picea orientalis* 700
*Pinus brutia* 5608
*Pinus nigra* 3673
*Populus* 'I-214' 1356
precipitation 5698
provenance 5530
*Pseudaulacaspis pentagona* 3081
*Pseudotsuga menziesii* 5530
*Quercus* 6268
*Quercus aucheri* 7930
site types 5698
soil 5698
soil chemistry 7691
yield tables 1356
***Turpinia montana,*** synecology 3804
***Turpinia pomifera,*** synecology 3804
***Turpinia spharocarpa,*** synecology 1598
***Tylenchorhynchus*** 8072
***Tyndarichus navae*** 8033
***Typhlodromus soleiger*** 5965
***Tyto alba*** 7291
***Uapaca kirkiana***
browse 6601
elephants 6601
***Uapaca nitida***
browse 6601
elephants 6601

**Uganda**
controlled burning 5987
dieback 5105
forest management 3543
grazing 5987
logging 6602
plantations 5105
rain forests 6602
rangelands 5987
savannas 5987
silvicultural systems 6602
sustainable land use 3543
wildlife 6602
***Ugimyia sericariae*** 8037
**UK**
*Abies alba* 4400
Acari 6657
*Acer pseudoplatanus* 4165
acid rain 1424, 2142, 6962-6963
afforestation 863, 1115, 1814, 3171, 3313, 3790, 3961, 4005, 4140, 4528, 7307
agroforestry 1753, 4552, 6054, 8139, 8148
air pollution 2142, 4250, 5085, 6962
amelioration of forest sites 681
*Aphidecta obliterata* 3151
*Apocheima pilosaria* 4473, 6555
arboreta 3295
arboriculture 1136
*Armillaria* 481
*Armillaria lutea* 3867
*Armillaria mellea* 3867
*Armillaria ostoyae* 3867
*Betula pendula* 6531
*Betula pubescens* 6531
biomass 4201
birds 4528, 7286
Carabidae 4455
carbon dioxide enrichment 4250
chlorosis 5803
*Cinara cupressi* 1656
*Cinara fresai* 1656
*Cinara pilicornis* 4465
climate 1458, 4250
*Coleophora serratella* 4473
coppice 668, 1282, 5571
*Crataegus laevigata* 931
*Crataegus monogyna* 931
*Cynips divisa* 6571
data processing 4641
deer 1097
dendrochronology 5839
*Dendroctonus micans* 3124, 4489
dieback 5114
economics 1149, 2572-2574
*Elatobium abietinum* 3151
erosion 3171
*Euproctis chrysorrhoea* 1064, 6550
*Fagus sylvatica* 2104
farm woodlands 6022
fertilizers 7516
forest ecology 4455
forest influences 4531, 7286
forest inventories 4224, 4234, 7656
forest litter 2104
forest management 1128, 1361, 1696, 3272, 3961, 4560, 6021, 7656
forest policy 603, 1115, 1814, 4046, 4048, 4140, 6018, 6021
forest recreation 6021
forestry 603, 3961, 5427
fungi 2104
galls 6571
*Gilletteella cooleyi* 3151
grazing 1753, 5991
health 6705
hedges 5427
herbicides 1302, 2655
history 3272, 3297
hydrology 1702
*Hylastes* 2465
*Hylobius abietis* 2465
insect pests 6657
international cooperation 6120
labour 3297, 5510
land classification 1724-1728
land use 3961, 6018, 7323
landscape 1134, 2570, 4005, 5427
landscape ecology 1134
lightning 787

**UK** *cont.*
maps 1724-1728
mine spoil 1714
mined land 3955
Mollusca 6657
mulching 1293
national parks 4560
natural regeneration 1966
nature conservation 1128, 1135, 1786, 4224, 7354, 8170
Nematoda 6657
nurse trees 4807
nurseries 658, 686, 2655, 4757
*Operophtera brumata* 3087
ornamental woody plants 2570
palaeoecology 2995, 3000, 5166-5167, 5838-5839
*Panolis flammea* 1068, 7216, 8044
peatlands 6799
permethrin 1686
phenology 1458
*Picea abies* 3867, 4400, 5803
*Picea sitchensis* 1097, 2806, 3499, 3867, 3961, 4400, 4757
*Pinus* 3295
*Pinus contorta* 1068, 7216, 8044
*Pinus nigra* 4031
*Pinus sylvestris* 3499, 4031, 7216
planning 4560
plant succession 1605, 1966
planting stock 1136, 1270, 4757
*Populus nigra* 3800
private forestry 1149, 2572-2574, 4215
provenance 2578
*Prunus avium* 4812
*Pseudotsuga menziesii* 2578
*Pterocallis alni* 4463
public relations 603
*Pulvinaria regalis* 3082
*Quercus* 6571
*Quercus robur* 4400
reclamation 1605, 1711, 1714, 3955
*Rhynchaenus fagi* 3913
runoff 1702
*Salix aquatica* 4201
*Salix cinerea* 4376, 4461
*Salix repens* 7904
*Seiridium cardinale* 1057
site preparation 4779
soil amendments 681
soil pollution 6962
soil types 1424, 2806
*Sorbus* 941, 2359
squirrels 538
subsidies 3313
synecology 1003, 1966, 3790
taxes 3313-3314
*Tilia cordata* 979
*Tilia europaea* 4193
*Tilia platyphyllos* 4193
transplanting 1786
*Ulmus* 670, 1034
urban forestry 1135, 1793
water pollution 7307
watersheds 4531
wind damage 1137, 1394, 3578
yield forecasting 4215
*Zelkova* 6983
***Ulex europaeus***
control 5597
plant composition 5065
roots 5065
***Ulmus***
Acari 3132
acid rain 5324
air pollution 5324
diameter 5638
fungal diseases, *Ceratocystis* 483, 3056, 4490
height 5638
insect pests
*Euproctis* 7250
*Pyrrhalta* 3926, 5324
*Scolytus* 4490
Tortricidae 7250
natural regeneration 670
palaeoecology 2995
synecology 987
tree breeding 1034
wood properties 7006

***Ulmus alata***
control 4144
wood anatomy 1462
***Ulmus americana***
allelopathy 1002
crown 1331
fungal diseases, *Ceratocystis* 5274, 5295, 7168
ground vegetation 1002
growth regulators 5799
insect pests
*Hylurgopinus* 4486, 7168, 7232
*Scolytus* 7168
plant succession 2314
soil chemistry 1002
soil water 1002
stand characteristics 5368
tree injection 5431
wildlife 5368
wood anatomy 1462
***Ulmus campestris***
bud culture 4096
shoot cuttings 4096
***Ulmus crassifolia,*** wood anatomy 1462
***Ulmus davidiana***
chemotaxonomy 5157
edible fungi 6844
genetics 5157
glycosides 5157
provenance 5157
***Ulmus fulva*** *(see Ulmus rubra)*
***Ulmus glabra***
bacteria 7125
sap 7125
underplanting 4163
yeasts 7125
***Ulmus macrocarpa***
mined land 797
plant composition 797
soil chemistry 797
***Ulmus minor***
chemotaxonomy 5157
drought resistance 447
forest litter 1406
genetics 5157
glycosides 5157
organ culture 1249
provenance 5157
seeds 5542
***Ulmus parvifolia***
chemotaxonomy 5157
genetics 5157
glycosides 5157
landscape 7362
provenance 5157
roots 6324
soil temperature 6324
***Ulmus procera***
callus 5041
wounds 5041
***Ulmus pumila***
chemotaxonomy 5157
drought resistance 447
edible fungi 6844
fungal diseases, *Ceratocystis* 5274
genetics 5157
glycosides 5157
insect pests, *Pyrrhalta* 3926
intensive silviculture 4766
ornamental woody plants 6650
photosynthesis 552
provenance 4078, 5157
respiration 552
shelterbelts 6527
***Ulmus pumila* var. *arborea***
buds 552
drought resistance 447
mulching 6615
shelterbelts 6615
***Ulmus rubra***
plant succession 2314
wood anatomy 1462
***Ulmus serotina,*** wood anatomy 1462
***Ulmus thomasii,*** wood anatomy 1462
***Ultracoelostoma assimile*** 2715, 6537
***Umbellularia californica,*** control 6226
***Uncinula clintonii*** 5900
**Underplanting** 113, 1315, 1348, 1989, 3456, 4131, 4160, 4163, 5376, 6228, 6245, 6259, 6781

**Underwood** 110, 653, 1002, 1599, 1601-1603, 2009, 2119, 2308, 5206-5208, 5219, 5681, 6477, 7005, 7096-7097, 7927, 7952, 8101
**United Arab Emirates,** *Tamarix* 5176
**Upland Areas**
afforestation 1814
forest policy 1814
**Urban forestry**
Australia
Australian Capital Territory 1820
Victoria 1820
books 1793
Canada 6070
conferences 6082
Czechoslovakia 6639
Finland 5428
France 6082
German Federal Republic 6082, 6329, 7893
India, West Bengal 5433
Japan 569
Poland 4157
reviews 5428
Switzerland 6082
UK 1135, 1793
USA 1796, 4564, 4666, 6640, 7365-7366
Arizona 7380
Illinois 5441, 6918
New Jersey 6642
Oregon 7353
Texas 6699
Virginia 5335
Washington 7353
USSR, Byelorussian SSR 7739, 8178
***Uredinopsis komagatakensis*** 3875
***Uredinopsis mirabilis*** 8015
***Uredo bombacis*** 5267
***Uredo sissoo*** 5284
***Urera,*** seed germination 1883
***Urera baccifera,*** stand characteristics 4390
***Ursus americanus*** 1094
***Ursus arctos*** 3448
bibliographies 578
***Ursus thibetanus*** 169
**USA**
*Abies* 1682
*Acacia farnesiana* 2275
acclimatization 3245
acid rain 2144, 2849, 3633, 3640-3641, 4011
*Aesculus flava* 2353
*Aesculus pavia* 2353
*Aesculus sylvatica* 2353
agroforestry 2510, 5406, 7282, 7333
air pollution 2144, 2151, 2837, 2846, 3640
allelopathy 5853
*Alnus* 2976
*Amelanchier canadensis* 3445
amenity value of forests 2558, 6065, 7364
arboriculture 7365, 7367
*Armillaria* 4437, 8003
*Atta texana* 4515
bacterial insecticides 2459
*Betula* 2976, 7124
Betulaceae 2976
biomass 595, 4845, 7531
birds 2164, 5992
breeding programmes 3034
*Bursaphelenchus xylophilus* 1079
*Carpinus* 2976
*Celtis pallida* 1462
*Celtis reticulata* 1462
*Ceratocystis ulmi* 7168
*Chilopsis linearis* 4532
*Choristoneura occidentalis* 1682, 7273
Christmas trees 2020
clear felling 8118
*Colinus virginianus* 1695
coniferous forests 7282
controlled burning 11, 2868, 6704
*Cornus florida* 5288
*Corylus* 2976, 3445
cycling 2837, 3640
data processing 4644, 6882
dendrochronology 5446
dendroclimatology 5073, 5446, 6072
*Dendroctonus frontalis* 1634
**USA** *cont.*
*Dendroctonus ponderosae* 7402
*Discula* 5288
diseases 1650, 1681, 7142
drought 5073
economics 224-225, 1848, 4012, 4238-4239, 5470
edible species 7588
erosion 3946
erosion control 4532
*Eucalyptus* 1949
*Eucosma sonomana* 3100
extension 4666
fishes 5469
fogs 3641
forest administration 2753, 3232
forest fires 1650, 2868, 3285, 4313, 5472
forest inventories 596, 765, 4226, 4234, 4616-4617, 6882
forest management 224, 1360, 2753, 3310, 4052, 4229, 4893, 5367, 5466-5467, 5494, 5619, 5672, 5675, 5683, 5716, 6696
forest ownership 764, 1848, 4012, 6694
forest policy 4012, 4052
forest recreation 6087-6088
forest resources 210, 764, 5496, 5669
forest statistics 765
forestry 1144
fuel plantations 6116
fungal diseases 7142
grading 7613
grazing 3931, 3946, 5406, 7282
growing stock 5669
herbicides 130
history 1144
*Hylurgopinus rufipes* 7168
increment 3526, 4024, 5654
insect pests 1650, 1681
integrated control 1681
international cooperation 2550
land use 3959, 6621
landscape 2558, 7362
landscape ecology 1650
*Larix decidua* 52
*Larix leptolepis* 52
legislation 1184, 4012, 5494, 6694
Lepidoptera 2459
*Liquidambar styraciflua* 3518
logging 210, 1650
*Lymantria dispar* 4474
*Malus* 7374
nature conservation 4523, 4558-4559, 5470
nurseries 1271, 4114, 5468, 6770
organizations 4564
ornamental woody plants 3244-3245, 4532, 7367
*Ostrya* 2976
palaeoecology 973, 5169
parasitic plants 7173
patents 7412
*Paulownia tomentosa* 1950
periodicals 3248
*Phellinus weirii* 8003
*Phytophthora cinnamomi* 1634
*Pinus* 1360, 6152, 7588
*Pinus contorta* 4609, 4893, 5012, 5683, 7619
*Pinus echinata* 5470
*Pinus elliottii* 5470
*Pinus palustris* 5470, 7440
*Pinus ponderosa* 626
*Pinus resinosa* 3445
*Pinus* 'Southern' 1634, 4238
*Pinus taeda* 680, 4114, 5470, 6208
planning 6621
plant succession 7958
poisonous plants 3931
*Populus* 3445, 7124
private forestry 1184, 1360, 1807, 3310, 4869, 5675, 6694
protection of forests 6065
provenance 52, 626, 3329
pruning 5610
*Pseudotsuga menziesii* 1682
public relations 3959
*Pythium* 1634
*Quercus* 5540, 7173
*Quercus durandii* 3931
**USA** *cont.*
*Quercus gambelii* 3931
*Quercus havardii* 3931
rangelands 7282
remote sensing 2083, 3555, 5688
research 6085, 6704
*Rhyacionia frustrana* 3102
roads 7651
*Salix* 3445
*Sapium sebiferum* 6205
*Scolytus multistriatus* 7168
seeds 5540
shelterbelts 2505-2507, 2509-2510, 2514
silvicultural systems 1963
silviculture 5619
site class assessment 748, 3518, 5716
site preparation 680, 705-706, 6704
slash 6704
social forestry 4666
soil 9
soil biology 5716
soil chemistry 2849, 5716
street trees 5435, 7365, 7379
*Strix occidentalis* 4523
subalpine forests 5467
synecology 5423
Taxaceae 2977
taxes 604, 1186, 6116
*Taxus* 2977
*Thrips calcaratus* 5303
*Tilia americana* 5303
*Torreya* 2977
tree breeding 4423, 6501
tree classes 7613
*Ulmus* 1034, 1462
urban forestry 1796, 4564, 4666, 6640, 7365-7366
valuation 5494, 7364
vegetation 5470
vegetation types 10, 764, 1963, 4403, 5487, 5672, 5716, 7401
volume tables 728
water pollution 1703
watersheds 2837, 5470, 7295
weed control 1681, 2577, 7282
weeds 1650
weight tables 728
wetlands 3005
wilderness 3232, 5423
wildlife 2505, 4869, 5367, 5469-5470, 8098
woody plants 7400
yeasts 7124
yield forecasting 4024, 5487, 5669
Alabama
*Acer rubrum* 7378
agroforestry 5410
biomass 745, 5410, 6847
damage 767
economics 6098
energy relations 6847
fertilizers 1945
forest inventories 5681, 6890
forest management 5410, 6315
forest recreation 7360
forest resources 767
grazing 5410
green manures 1945
mine spoil 1945
nurseries 2656, 4356
ornamental woody plants 7378
*Pinus taeda* 1333, 1357, 1945, 4356, 5584
plant nutrition 6847
private forestry 6890
weed control 1301
weight tables 745
Alaska
*Alces alces* 1090-1091
*Armillaria* 5887
browse 1090, 5363
browsing damage 1091
*Chamaecyparis nootkatensis* 5115
climate 5697
cycling 1419
dendrochronology 4305
*Dendroctonus rufipennis* 512, 1683, 3145
earthquakes 4305
engineering 4871

**USA** *cont.*
Alaska *cont.*
ethnobotany 6829
forest influences 5755
forest inventories 4218
forest management 3662, 7439
health 2600
*Heterobasidion annosum* 5887
landslides 4871
logging 4218
mosses 1419
national parks 7439
*Odocoileus hemionus* 5363, 5755
*Picea glauca* 1683, 3145
*Picea lutzii* 1683
*Picea mariana* 1419, 6972
*Picea sitchensis* 1683, 4305, 5551
plant succession 1091
*Resinicium* 5887
snow 5755
soil biology 6972
soil types 4871
volcanoes 4305
Arizona
*Abies lasiocarpa* 6819
amenity value of forests 6637
arid regions 4217
birds 4522, 5342
*Coloradia pandora* 5946
controlled burning 871, 5764
deer 4662
drought injury 2091
*Dynastes granti* 5952
*Euura* 5325, 5957
*Euura lasiolepis* 5325, 5957, 5959-5960
forest fires 866, 874
forest inventories 7663
forest management 4217, 4519, 7640
forest recreation 6635, 6637
*Fraxinus velutina* 5952
grazing 4519
history 4662
hunting 4662
land use 4217
landscape 6637
logging 5574
natural regeneration 5574
nature conservation 4662
*Nemoria arizonaria* 6547
*Neodiprion autumnalis* 6572
*Phyllocolpa* 5325, 5957
*Picea engelmannii* 6819
*Pinus edulis* 5780
*Pinus ponderosa* 682, 866, 871, 1885, 1951, 4861, 5764, 6217, 6572
*Pontania* 5325
*Pontania pacifica* 5957
public relations 4217
*Quercus* 6547, 7640
remote sensing 7663
*Salix lasiolepis* 5325, 5957, 5959-5960
site preparation 682
snow 2091
street trees 7380
synecology 5843, 7936
urban forestry 7380
vegetation 7663
vegetation types 874, 2091, 4217, 5342, 5574, 5843, 5847, 5997, 7936
volume tables 6854
wildlife 5997
wind damage 2091
Arkansas
biomass 6847
dendrochronology 8184
diameter 3496
economics 4240
energy relations 6847
forest inventories 6890
forest management 769
forest resources 769
hydrology 8184
*Meleagris gallopavo* 4524
*Nyssa sylvatica* 7098
ornamental woody plants 3246
*Pinus echinata* 1879, 1980, 7098

**USA** *cont.*
Arkansas *cont.*
*Pinus* 'Southern' 4240
*Pinus taeda* 1333, 1357, 2165, 3440, 4674, 4772, 7556
plant nutrition 6847
planting 4674
private forestry 6890
*Quercus alba* 7098
site preparation 3440, 4240
site types 4772
soil chemistry 799
soil types 799
stand characteristics 769
synecology 3792
vegetation 3792
vegetation types 4524
weed control 4144
California
*Abies* 2433
*Abies concolor* 111, 1070, 3521, 6240
*Abies magnifica* 111, 1070, 1283, 6240
air pollution 832, 2160, 3560
amenity and recreation areas 6641
amenity value of forests 6641
*Aplodontia rufa* 1093
*Arceuthobium campylopodum* 1060, 3888
arid regions 7734
*Barbara colfaxiana* 8084
biological control 5967
*Calophysa schini* 3893
*Casuarina cunninghamiana* 5534
*Ceanothus megacarpus* 4393
*Cecidomyia piniinopis* 2443, 4497, 4499-4500
*Ceratocystis wageneri* 1635
*Chamaecyparis lawsoniana* 7152
*Conophthorus* 2390
*Contarinia oregonensis* 8084
dead trees 1330
dendrochronology 2564
*Dendroctonus* 2390
*Dendroctonus brevicomis* 1679
*Dioryctria* 2390
*Dioryctria abietivorella* 8084
economics 6098
ethnobotany 6830
*Eucalyptus* 1278, 1820, 4422, 6578
*Eucalyptus camaldulensis* 3604, 3922
*Eucalyptus globulus* 3922
*Eucalyptus viminalis* 2232
*Eucosma sonomana* 2455, 3101
firebreaks 6977
flora 5830
forest fires 2564, 4307, 4314, 4392, 7792
forest influences 3655
forest litter 2109-2110, 4928
forest management 4665, 5471
*Gibberella fujikuroi* 2390, 5293
grasses 7280
grasslands 3655
ground vegetation 7280
*Heterobasidion annosum* 3868
hydrology 6007
*Juglans nigra* 3341
keys 5830
*Lacinipolia patalis* 3093
*Libocedrus decurrens* 2390
*Mariannaea clavispora* 475
*Megastigmus spermotrophus* 8084
natural regeneration 111, 4133, 5577
nurseries 2654, 3885, 6523
*Odocoileus hemionus* 4526
*Otiorhynchus sulcatus* 5967
*Phomopsis occulta* 3885
*Phoracantha semipunctata* 3922, 6578
*Phyllostachys pubescens* 714
*Phytophthora lateralis* 7152
*Pinus* 2390
*Pinus attenuata* × *P. radiata* 7318
*Pinus contorta* 5012
*Pinus jeffreyi* 394, 1060, 3444, 3888
*Pinus monophylla* 2914

**USA** *cont.*
California *cont.*
*Pinus ponderosa* 394, 2443, 4497
*Pinus radiata* 5293
*Pinus sabiniana* 7280
*Pityophthorus* 2390
*Prosopis glandulosa* 7734, 7994
provenance 5534
*Prunus serotina* 3341
*Pseudotsuga menziesii* 132, 475, 1635, 2478, 2721, 3885, 8084
*Quercus* 1874, 5458
*Quercus douglasii* 862, 5577, 6797, 7280
*Quercus lobata* 6797
*Quercus rubra* 3341
*Quercus wislizenii* 7280
rangelands 7950
reclamation 7318
remote sensing 3559-3560
*Schinus molle* 3801, 3893
*Scolytus ventralis* 1070, 2433
seed germination 1874
*Sequoia sempervirens* 2390, 2721, 5184
*Sequoiadendron giganteum* 2390
silvicultural systems 110
*Sirococcus conigenus* 6523
site class assessment 2721, 3521
soil biology 2810, 7994
soil chemistry 7698
soil types 4497, 7994
species trials 3341
street trees 1800, 6648
*Synanthedon culiciformis* 5967
*Synanthedon resplendens* 5967
synecology 862, 4397, 5184-5185, 5203, 7950
thinning 6007
tree breeding 4422
vegetation 5848
vegetation types 1330, 2109-2110, 3559-3560, 4392-4393, 4396-4397, 4928, 5185, 5203, 5830
*Washingtonia filifera* 7039
watersheds 4397
weed control 132
weeds 3444
wildlife 2478
wind damage 786
*Xanthomonas campestris* 5901
Colorado
*Abies lasiocarpa* 6819
*Arceuthobium americanum* 5296
atmosphere 232
birds 5998
dendrochronology 232
dendroclimatology 232
ethnobotany 6832
fodder 5990
forest inventories 6884-6885
forest management 4665
forest ownership 6884-6885
forest recreation 2557
forest resources 6884
grazing 694
land use 4391
natural regeneration 5575
*Picea engelmannii* 1222, 6819
*Picea pungens* 6772
*Pinus contorta* 694, 5717
*Pinus edulis* 6832
*Pinus flexilis* 1619
*Pinus ponderosa* 3033, 4861, 5990
*Populus angustifolia* 4391, 4404
*Populus tremuloides* 671, 5575, 5998
precipitation 4249
private forestry 6885
remote sensing 3562
seeds 1222
soil biology 5717
synecology 4391, 5844
vegetation types 993, 3562, 4389, 4391, 4404, 5844
volume determination 762
Connecticut
*Lymantria dispar* 8089
pollen 5825
*Quercus rubra* 5200
synecology 5200

**USA** *cont.*
Connecticut *cont.*
vegetation types 5200
watersheds 3165
wetlands 3165
Florida
agroforestry 1744
biomass 446, 1200, 6780
birds 4394
*Casuarina equisetifolia* 499
*Clastoptera undulata* 499
*Eucalyptus* 6502
*Eucalyptus amplifolia* 6780
*Eucalyptus grandis* 446, 4765, 6780
*Eucalyptus robusta* 6780
forest fires 3669
genetic resources 6502
grazing 1744
*Haliaeetus leucocephalus* 2473
hydrology 3943
intensive silviculture 4765
*Meloidogyne christiei* 3133
mined land 1011
nurseries 2658-2659, 3413
*Pinus clausa* 6754
*Pinus elliottii* 3413, 3943, 4765, 5767
*Pinus palustris* 2676
*Pinus taeda* 5767
*Quercus* 6004
*Quercus laevis* 3133
runoff 3943
seed predation 6004
silviculture 2419
synecology 2321
vegetation types 2321, 4394
*Zamia* 2220
Georgia
*Acer rubrum* 3245
*Aesculus sylvatica* 2310
agroforestry 1791, 3796, 6636
biomass 1346
controlled burning 5765-5766
*Cronartium fusiforme* 1056, 5898
economics 4240
extension 1182
forest litter 831
forest management 40, 1182, 1791, 6636
forest recreation 1791, 6636, 7358
leases 40
*Lygus lineolaris* 6201
*Pinus elliottii* 1056, 5767
*Pinus* 'Southern' 4240
*Pinus taeda* 1056, 5566, 5582, 5767
private forestry 40, 1182
*Rhyacionia* 3154
site preparation 831, 2681, 4240
site types 831
soil chemistry 831
subsidies 40
*Toumeyella pini* 4505
vegetation types 1346
weed control 1301
Hawaii
*Acacia koa* 691
*Albizia falcataria* 3464, 6277
biological control 127, 5978, 6588
birds 5354
choice of species 6136, 6138
dieback 5111
economics 39
*Eucalyptus grandis* 57
*Eucalyptus saligna* 57, 3394, 3464, 6277
fertilizers 3394
flora 4371
fodder 5625
forestry 39
*Heteropsylla cubana* 5978, 6136, 6588
*Metrosideros polymorpha* 5111, 7080
minor forest products 4371
mixtures 3464, 6277
*Myrica faya* 127, 5354
nature conservation 6659
plantations 39
provenance 57, 5975, 6136-6137
soil chemistry 7707
soil formation 7707

**USA** *cont.*
Hawaii *cont.*
soil types 7707
species trials 5975, 6136, 6138, 7468
vegetation 7091
woody plants 4371
Idaho
*Abies grandis* 5212, 6871
agroforestry 1737
allelopathy 7102
*Arceuthobium americanum* 4492
*Armillaria* 7141
biological control 6231
*Choristoneura occidentalis* 503, 1080, 1659, 7208
clear felling 4260
climate 503
controlled burning 2869, 4994, 6372
*Cronartium comandrae* 4492
*Cronartium ribicola* 8012
*Dendroctonus ponderosae* 4492, 8081
*Dioryctria abietivorella* 6587
*Eucosma rescissoriana* 6587
ferns 7102
fishes 4596
forest fires 868, 4994
forest inventories 6883
forest management 4665, 5212, 5842
forest ownership 6883
forest recreation 1809
forest resources 6883
grazing 1737
herbicides 6123
*Larix occidentalis* 6871, 7063
nature conservation 1809
*Orgyia pseudotsugata* 2458, 4472, 6558
*Pinus contorta* 4260, 4492
*Pinus monticola* 8012
*Pinus ponderosa* 4260, 4416, 6711, 7247
plant succession 5212, 5842
*Populus tremuloides* 5841
provenance 4416
*Pseudotsuga menziesii* 3831, 4445, 6218, 6871
*Rhabdocline pseudotsugae* 4445
site preparation 704, 3439
soil physics 4260
synecology 5193, 5208, 5841-5842, 7087
*Thuja plicata* 5208
*Ursus americanus* 1094
vegetation types 4994, 5193, 5208, 5212, 5841-5842
watersheds 4596
weed control 6231
Illinois
*Alnus glutinosa* 2124
clear felling 2174
*Cylindrosporium quercus* 6520
*Elaeagnus umbellata* 2124
extension 4670
forest recreation 2556
forest resources 1371
*Juglans nigra* 2125
natural regeneration 672
*Pinus serotina* 4357
*Plagiodera versicolora* 7240, 8067
plant succession 2313-2314
*Populus deltoides* 2124
*Salix* 7240
*Salix exigua* 8067
seed dispersal 4357
site preparation 6224
social forestry 4670
soil chemistry 2102
soil pH 6918
soil types 2102
streams 2174
urban forestry 5441, 6918
vegetation types 672, 2313
Indiana
air pollution 2843
*Blarina brevicauda* 3112
clear felling 6779
*Conotrachelus naso* 3112
*Curculio pardalis* 3112

**USA** *cont.*
Indiana *cont.*
forest ecology 7097
forest inventories 4233
forest litter 3591
forest management 1839
forest statistics 4233
mine spoil 3176
mined land 2522
natural regeneration 6779
*Peromyscus leucopus* 3112
plant succession 7100
*Quercus* 6779
reclamation 2522
stand characteristics 7089
vegetation types 6976, 7100
wildlife 1839
Iowa
forest inventories 4230
palaeoecology 5170, 7928
pollen 7928
vegetation types 4210
yield tables 4210
Kansas
biomass 4766, 6203
forest litter 6925
*Quercus macrocarpa* 3008, 6925
*Quercus muehlenbergii* 3008
soil fauna 6925
synecology 3008
vegetation types 987
Kentucky
*Agrilus bilineatus* 3116, 6566
air pollution 2843
biological control 4508
biomass 6847
energy relations 6847
forest ecology 5910
hydrology 7306
*Ilex opaca* 2876, 5963
*Neoaplectana bibionis* 4508
*Neoaplectana feltiae* 4508
*Phytomyza ilicicola* 5963
plant nutrition 6847
planting season 661
planting stock 661
*Platanus occidentalis* 661
*Podisus maculiventris* 3080
*Prionoxystus robiniae* 4508
*Quercus* 4508
runoff 7306
*Telenomus podisi* 3080
*Trissolcus euschisti* 3080
Louisiana
agroforestry 6628
*Carya aquatica* 6172
*Carya illinoensis* 6172
*Coptotermes formosanus* 3076
*Cronartium fusiforme* 7156
damage 6889
*Dendroctonus frontalis* 5322
fertilizers 653
forest inventories 6890
forest management 769
forest resources 769, 6889
forest statistics 768
*Ips avulsus* 3113
*Ips calligraphus* 3113
*Ips grandicollis* 3113
*Myocastor coypus* 2678
*Pinus* 755, 759
*Pinus elliottii* 3113, 7156
*Pinus palustris* 653
*Pinus taeda* 653, 1333, 1357, 2165, 3113, 6870, 7156
*Populus deltoides* 1921
private forestry 759, 6890
remote sensing 4883
soil chemistry 799
soil types 653, 799
stand characteristics 769
*Taxodium distichum* 2678
vegetation types 4883, 6172
yield forecasting 755
Maine
*Abies balsamea* 2001, 3284, 3519
acid rain 3634
air pollution 3634
*Anatis mali* 1067
*Betula caerulea* 1621
*Betula cordifolia* 1621

**USA** *cont.*
Maine *cont.*
*Betula papyrifera* 1621
*Betula populifolia* 1621
birds 7285
browse 1092
*Choristoneura fumiferana* 1067, 3284, 5314, 5937
clear felling 1092
climate 855
competition 2001
cycling 7729
dieback 7899
forest inventories 7661
herbicides 5589
*Martes pennanti* 1095
*Picea glauca* 1868, 3519
*Picea mariana* 85, 3519
*Picea rubens* 85, 855, 3284, 3519
provenance 1868
*Scolopax minor* 2117
site class assessment 3519
soil biology 2117
soil types 85, 3519
synecology 5195
vegetation types 1092, 5195
water pollution 5589-5590
wind damage 3284
Maryland
insecticides 7274
*Lymantria dispar* 7260, 8085
*Megacyllene robiniae* 8052
mined land 7133
mycorrhizas 7133
*Pinus rigida* 4412
*Pinus rigida* × *P. taeda* 4412
*Pinus taeda* 4412
*Quercus* 8085
*Quercus muehlenbergii* 7260
Massachusetts
*Cornus kousa* 7161
*Crataegus mollis* 7248
dieback 7899
*Lymantria dispar* 3091, 8089
mycorrhizas 1629
*Picea rubens* 3686
*Pinus strobus* 3686
pollen 5825
*Quercus ilicifolia* 7901
*Rhagoletis pomonella* 7248
soil chemistry 2797
*Tsuga canadensis* 3686
vegetation types 1629
Michigan
*Acer saccharum* 4916
air pollution 3586
*Bellamira scalaris* 2432
biomass 7469
choice of species 7469
clear felling 1010
*Diprion similis* 3127
*Fagus grandifolia* 4916
flowering 7803
forest litter 4925
*Fraxinus nigra* 4813
fruiting 7803
glacial soils 4916
*Graphisurus fasciatus* 2432
mycorrhizas 1051, 5258
natural regeneration 1010
*Neodiprion pinetum* 3127
nurseries 1051
*Orthosoma bunneum* 2432
palaeoecology 6463
*Parandra brunnea* 2432
photosynthesis 5097
*Picea glauca* 1051
*Pinus banksiana* 1981, 2820, 5258
*Pinus resinosa* 679, 730, 2820, 5258
*Pinus strobus* 5097
*Plagiodera versicolora* 7240
plant succession 1010, 2312, 5213, 5218, 6480
planting stock 1981
*Populus* 7469
*Populus eugenei* 1991
*Populus grandidentata* 2432, 5658
*Populus* 'NE-19' 1991
*Quercus* 4916
*Quercus alba* 7620
*Quercus velutina* 2432

**USA** *cont.*
Michigan *cont.*
remote sensing 3558
*Robinia pseudoacacia* 7469
*Salix* 7240
sandy soils 7620
site class assessment 7620
site preparation 1991
soil chemistry 3586
soil types 2820
soil water 2820
streams 4925
*Tsuga canadensis* 2432
vegetation types 3558, 5213, 6480
weed control 3450
*Xylotopus par* 4925
Minnesota 3445
air pollution 3586
camping 567
*Corylus americana* 1603
*Corylus cornuta* 1603
energy resources 4680
forest fires 4312, 6974
forest inventories 4876
forest management 1359
forest ownership 1359, 1849
forest recreation 567, 1359
forest statistics 4876
*Fraxinus nigra* 4813, 8019
fuelwood 4680
*Gymnocladus dioicus* 1880
*Hylurgopinus rufipes* 4486
mycoplasmal diseases 8019
natural regeneration 2780
*Picea glauca* 166
*Pinus resinosa* 41, 1984, 1999
*Populus grandidentata* 6674
*Populus tremuloides* 6674
private forestry 41, 1359, 1849
soil chemistry 3586
subsidies 41
*Ulmus americana* 4486
vegetation types 1603
weed control 1999
wind damage 2780
Mississippi
*Aix sponsa* 2472
biomass 6847
cavities in trees 2472
*Chaitophorus populicola* 1654
clear felling 1284
economics 4240
energy relations 6847
extension 5504
forest inventories 6890
forest management 769
forest resources 769
fungal diseases 4425
increment 5645
*Liquidambar styraciflua* 2010
natural regeneration 1284
*Pinus* 'Southern' 4240
*Pinus taeda* 1333, 1357, 2165, 6870
plant nutrition 6847
*Populus deltoides* 1654, 4425
*Prionoxystus robiniae* 3902
private forestry 1385, 5504, 6890
*Quercus acutissima* 1977
site preparation 4240
soil chemistry 799
soil types 799, 2010
stand characteristics 769, 5611
subsidies 5504
*Taxodium distichum* 5646
vegetation types 1284, 2472
weed control 4144, 5645
wood density 6364
Missouri
allelopathy 1002
*Bonasa umbellus* 1096, 2477
coppice 3420
*Endocronartium harknessii* 5896
ground vegetation 1002
*Juniperus americana* 1096
*Pinus ponderosa* 5896
*Pinus sylvestris* 5896
*Quercus* 3420
*Quercus coccinea* 2004
*Quercus velutina* 2004
synecology 1002
thinning 3420

**USA** *cont.*
Missouri *cont.*
underwood 1002
Montana
*Abies* 2457
*Abies grandis* 6871
*Armillaria* 7141
biological control 6231
*Choristoneura occidentalis* 503, 1080, 2457, 6584
clear felling 3942
climate 503
controlled burning 2869, 4993-4994
*Cronartium ribicola* 8012
*Dendroctonus ponderosae* 2434, 2456, 5323
*Dichelonyx vicina* 8061
evapotranspiration 4236
fishes 3942
fishing 3942
forest fires 4315, 4994, 5192
forest inventories 6866
forest litter 6925
forest recreation 7359
herbicides 6123
hydrology 5372
*Larix occidentalis* 6871, 7063, 8061
*Pinus contorta* 2434, 2456, 4797, 4990, 5206, 5323, 8061
*Pinus monticola* 8012
*Pinus ponderosa* 1421, 4993
plant succession 4402, 5192
*Pseudotsuga menziesii* 1421, 2457, 3831, 6871, 8061
remote sensing 4236
site preparation 704
soil fauna 6925
soil types 1421
synecology 5192
vegetation 4315
vegetation types 4236, 4402, 4994, 5192
watersheds 3942
weed control 6231
wildlife 5362
yield forecasting 6866
Nebraska
*Dioryctria* 8041
forest inventories 771
*Leptoglossus occidentalis* 8041
*Petrova metallica* 8041
*Pinus banksiana* 627
*Pinus nigra* 627
*Pinus ponderosa* 8041
*Pinus resinosa* 627
*Pinus sylvestris* 627
provenance 627, 5529
*Pseudotsuga menziesii* 5529
*Rhyacionia* 8041
social forestry 7352
street trees 4950
Nevada
*Aplodontia rufa* 1093
browsing damage 3940
*Castor canadensis* 3940
forest management 4665
natural regeneration 4133
*Pinus monophylla* 2914, 6924
*Populus tremuloides* 5841
synecology 5841
vegetation types 5841
New Hampshire
*Abies balsamea* 237, 5199
air pollution 4959, 5743
birds 8100
browse 6605
climate 3757
cycling 2123, 5743
dieback 3757
forest resources 6605
*Picea rubens* 237, 5199
*Pinus strobus* 3686
plant succession 5214
stand characteristics 962
synecology 7086
*Tsuga canadensis* 3686
vegetation types 2123, 5214, 5357, 5743, 7086, 8100
wildlife 5357, 6605
New Jersey
*Acer saccharum* 1715

**USA** *cont.*
New Jersey *cont.*
air pollution 4972
forest management 5495
forest resources 5495
history 5495
natural regeneration 6787
*Paulownia tomentosa* 7117
*Pinus strobus* 4972
reclaimed land 1715
seeds 376
urban forestry 6642
water pollution 2860
New Mexico
*Abies concolor* 5846
*Abies lasiocarpa* 5846, 6819
drought injury 2091
dunes 2170
forest inventories 6886
forest management 7640
*Juniperus osteosperma* 5178
nurseries 660
*Picea engelmannii* 2131, 5846, 6819
*Picea pungens* 5846
*Pinus edulis* 5178
*Pinus ponderosa* 660, 1885, 4861, 5846
*Pityogenes carinulatus* 8048
*Populus tremuloides* 2131
*Prosopis glandulosa* 7994
*Pseudotsuga menziesii* 2815, 5846
*Quercus* 7640
snow 2091
soil biology 2810, 7714, 7994
soil types 7994
synecology 995, 5178, 5843, 7935
vegetation types 995, 2091, 5843, 5846-5847, 7935
wind damage 2091
New York
*Acer platanoides* 5101-5102
*Acer rubrum* 5101-5102
acid rain 3612
air pollution 3635, 4752
birds 5355
climate 3757
cycling 1403
deforestation 4663
dieback 3757, 7899
*Heterocampa guttivitta* 7203
history 4663
*Hypoxylon mammatum* 5893
mined land 5257
mycorrhizas 5257
palaeoecology 1483
*Pinus resinosa* 5257
*Pinus strobus* 4752, 6769
plant succession 7954
*Platanus acerifolia* 5101-5102
pollen 5825
*Populus tremuloides* 5893
*Rellimia thomsonii* 1483
rights of way 5101-5102
soil chemistry 1403
vegetation 7954
North Carolina
*Abies fraseri* 276, 3755, 4661, 7735
acid rain 276
air pollution 7735
biomass 1346
clear felling 295, 2861, 6970
*Cronartium fusiforme* 7158
*Cryphonectria parasitica* 5894
cycling 267, 1402, 2861
fertilizers 1939
foliage 5299
forest litter 5299, 6917
forest recreation 4661
grazing 4661
history 4661
increment 7636
insect pests 5299
logging 4661
natural regeneration 4395
*Orgyia detrita* 1657
*Picea rubens* 276, 3755, 3758, 4661, 7735
*Pinus palustris* 7158
*Pinus taeda* 1939, 2200-2201, 4029
plant disorders 3755
plant succession 4029

**USA** *cont.*
North Carolina *cont.*
*Plethodon glutinosus* 295
*Plethodon jordani* 295
*Populus deltoides* 1046
*Pristiphora erichsonii* 1075
*Quercus coccinea* 5894
*Quercus stellata* 5894
remote sensing 2761
*Rhyacionia frustrana* 3103
*Salix nigra* 1046
site class assessment 744, 6278
soil chemistry 267, 1402, 6917, 6970
soil water 7293
stand characteristics 744
stemflow 7293
synecology 4395, 7636
throughfall 7293
vegetation types 744, 1346, 4395, 4661, 7636
watersheds 2863
wildlife 2761
North Dakota
biological control 6231
birds 1088
herbicides 6123
insecticides 6527
shelterbelts 6527
vegetation types 1088
weed control 6231
Ohio
*Acer saccharum* 7175
air pollution 2843
arthropods 7175
birds 7175
Cecidomyiidae 4496
*Cydia latiferreana* 5938
*Fagus grandifolia* 7175
*Fraxinus americana* 4496
fungi 1042
growing stock 5607
*Juglans nigra* 1042
*Liriodendron tulipifera* 751
mine spoil 6922
nurseries 6897-6899
ornamental woody plants 6897-6899
*Pyrrhalta luteola* 3926
*Quercus alba* 4496
*Quercus rubra* 703
reclamation 6922
*Sassafras albidum* 4496
site class assessment 751
soil chemistry 2103
thinning 5607
weed control 703
Oklahoma
biomass 2736
*Carya illinoensis* 2420
floodplains 2523
forest inventories 6890
forest ownership 2736, 4664
forest resources 2736
history 4664
*Juniperus scopulorum* 5528
*Juniperus virginiana* 5528
nurseries 2420
*Pinus* 5671
*Pinus taeda* 2165, 3459
private forestry 5671, 6890
*Reticulitermes flavipes* 2420
Oregon
*Abies grandis* 5652
*Abies magnifica* 5652
*Abies procera* 1953
*Acer circinatum* 1997
*Acer macrophyllum* 3021
*Acer rubrum* 2400
*Agathis pumila* 3144
*Alnus rubra* 743, 3456, 6235
amphibia 3661
*Arctostaphylos patula* 133
*Arctostaphylos viscida* 4790
*Armillaria* 7141
artificial regeneration 4633
biological control 3144
birds 7092
*Ceanothus velutinus* 133
Cecidomyiidae 2332
*Chamaecyparis lawsoniana* 7152

**USA** *cont.*
Oregon *cont.*
*Choristoneura occidentalis* 503, 3927
clear felling 3942, 8118
climate 503, 3944
*Coleophora laricella* 3144
competition 5599
controlled burning 2869, 3665, 4993
decay fungi 5865
deer 2677
dendrochronology 2564
*Dendroctonus ponderosae* 2187
drought injury 2091
fishes 3942
fishing 3942
flora 7092
forest fires 2187-2188, 2564
forest influences 3944
forest inventories 3561, 4228
forest litter 5713, 6925
forest recreation 1809
fungi 2187
grazing 1997
height 6848-6849
herbicides 133
hydrology 3944
*Juniperus occidentalis* 4834
*Larix occidentalis* 5605, 5865
*Lygus* 2332
*Lymantria dispar* 2460
*Megastigmus spermotrophus* 2332, 2442
mycorrhizas 3041
nature conservation 1809
nurseries 1053, 4116, 4431
*Orgyia pseudotsugata* 4472
palaeoecology 5171
*Phaeocryptopus gaeumanni* 5854
*Phellinus weirii* 2188, 7149
*Phytophthora lateralis* 7152
*Picea sitchensis* 6239
*Pinus contorta* 2187-2188, 5012
*Pinus lambertiana* 3830
*Pinus ponderosa* 133, 1978, 4993, 5670
plant succession 2188, 4401, 5219, 5852, 6482
planting stock 1978, 2679
provenance 3830
pruning 5609
*Pseudomonas syringae* 2400
*Pseudotsuga menziesii* 743, 1053, 1978, 1997, 2332, 2677, 2679, 3520, 3561, 5259, 5606, 5609, 5817, 6491, 7149
remote sensing 3561
*Rubus* 1997
secondary forests 743
site class assessment 3520
snow 2091
social forestry 7353
soil biology 3041
soil fauna 6925
synecology 4401
thinning 5219, 5605-5606
*Trichoderma* 7149
*Tsuga heterophylla* 1311, 2380, 3456, 6239
*Tsuga mertensiana* 2188, 5271
*Umbellularia californica* 6226
urban forestry 7353
vegetation types 2091, 7092
virgin forests 7092
volume determination 3561
watersheds 3942, 8118
weed control 1997
wildlife 7092
wind damage 2091
yield forecasting 5670
Pennsylvania
biomass 6206
Christmas trees 2022
*Hylobius pales* 2022
*Lymantria dispar* 2426, 5942-5943, 5970
mined land 7312
natural regeneration 1089
*Odocoileus virginianus* 1089
*Pinus* 7312
plant succession 1111

**USA** *cont.*
Pennsylvania *cont.*
polluted soils 1716
*Populus* 7312
*Populus* 'NE-388' 6206
*Prunus serotina* 5244
reclamation 1716, 7312
Rhode Island, pollen 5825
South Carolina
biomass 1346
browse 1085
controlled burning 6373
*Coptotermes formosanus* 8026
fertilizers 1939
*Nyssa aquatica* 5129
*Odocoileus virginianus* 1085
*Pinus elliottii* 5767
*Pinus taeda* 1939, 2200-2201, 5317, 5767, 6373
remote sensing 992
*Rhyacionia* 5317
site preparation 2681
soil types 6927
*Taxodium distichum* 5129
vegetation types 992, 1346
South Dakota
grazing 7283
herbicides 6123
*Pinus ponderosa* 5567, 6811, 7283
pruning 6811
silvicultural conversion 5567
vegetation types 5849
Tennessee
*Abies fraseri* 427
*Acer rubrum* 3616
artificial regeneration 683
*Betula alleghaniensis* 427
biomass 6847
carbon dioxide enrichment 4961
climate 2471
cycling 1402-1403
damage 766
energy relations 6847
evapotranspiration 4961
Fagaceae 400
forest inventories 6890
forest resources 766
frost injury 239
increment 7636
ionizing radiation 3616
light 4899
*Liriodendron tulipifera* 4776
mine spoil 1112
mulching 4776
natural regeneration 683, 4395
*Odocoileus virginianus* 2471
palaeobotany 400
palaeoecology 400
*Picea rubens* 427, 3758
*Pinus taeda* 4776
plant nutrition 6847
plant succession 5221, 6483
pollution 3616
private forestry 6890
*Quercus* 2471
*Quercus alba* 239
*Quercus rubra* 239
reclamation 1112
site preparation 683
soil chemistry 1402-1403
synecology 4395, 7636
vegetation types 4395, 7636
Texas
arid regions 6798, 7083
*Casuarina glauca* 3121
*Ceratocystis fagacearum* 5892
climate 7083
competition 4130
*Dendroctonus frontalis* 3106
Fagaceae 2283
forest inventories 6890-6891
forest litter 2111
forest management 7640
fuelwood 5892
grazing 8094, 8096
*Juniperus pinchotii* 4130
landscape 4030
legislation 6699
*Meleagris gallopavo* 2474
*Oncideres pustulatus* 3121
palaeoecology 2283

**USA** *cont.*
Texas *cont.*
*Pinus* 4802, 4872
*Pinus echinata* 6798
*Pinus elliottii* 4802
*Pinus taeda* 2165, 6798, 6870
plant succession 7953
plantations 4802
private forestry 4872, 6890
*Prosopis glandulosa* 6785, 7551-7552
*Quercus* 7640
*Quercus virginiana* 5892
rangelands 7551-7552, 8094, 8096
*Salix nigra* 4095
savannas 7083
scrub 7083
site preparation 1990
soil chemistry 1990
soil types 1990
streams 2111
synecology 8094
urban forestry 6699
vegetation types 2111, 2474, 4030
weed control 7551-7552
Utah
browse 8090
*Choristoneura occidentalis* 5948, 8047
*Chrysomela confluens* 5933
*Cydia strobilella* 8047
*Dendroctonus pseudotsugae* 5948
*Dioryctria abietivorella* 8047
forest management 4665
forest recreation 6635
grazing 5339
*Juniperus osteosperma* 7553
*Pemphigus betae* 5933, 7189
*Picea engelmannii* 8047
*Pinus monophylla* 7553
*Pinus ponderosa* 4856
*Populus angustifolia* 2356, 5933, 7189
*Populus angustifolia* × *P. fremontii* 7189
*Populus fremontii* 2356, 7189
*Populus tremuloides* 5841
rangelands 7553, 8090
site class assessment 4856
synecology 5841, 8090
vegetation types 5841
weed control 7553
Vermont
*Acer saccharum* 6682
*Betula alleghaniensis* 3383
browse 6604
climate 3757
dieback 3757
forest resources 6604
increment 5651
*Juglans nigra* 628
palaeobotany 4343
*Picea rubens* 3686
provenance 628
*Uredinopsis mirabilis* 8015
wildlife 6604
Virginia
*Abies fraseri* 4661
*Acer saccharinum* 7319
acid rain 6353
biomass 752, 1346
*Cryphonectria parasitica* 3051
cycling 1402, 7730
damage 6887
fertilizers 1939
forest inventories 6888
forest recreation 4661
forest resources 6887
grazing 4661
history 4661
*Itoplectis conquistador* 7215
*Juglans nigra* 7319
*Juniperus virginiana* 7215
land use 5694
logging 4661
*Lymantria dispar* 5335, 6543
mined land 1113, 7319
*Picea rubens* 3758, 4661
*Pinus strobus* 5119, 7319
*Pinus taeda* 1939
*Pinus virginiana* 7319

**USA** *cont.*
Virginia *cont.*
*Plagiodera versicolora* 8067
*Platanus occidentalis* 7319
precipitation 782
*Quercus rubra* 7319
reclamation 1113, 7319
*Salix nigra* 8067
soil chemistry 1402
soil compaction 7319
taxes 5498, 5694
*Thyridopteryx ephemeraeformis* 7215
urban forestry 5335
valuation 5694
vegetation types 1346, 4661
Washington
*Abies grandis* 6871
*Alnus rubra* 134, 3340, 3393, 5703, 7978
*Armillaria* 7141
*Armillaria obscura* 5908
biomass 5659, 6244
birds 7093
*Chamaecyparis lawsoniana* 7152
*Choristoneura occidentalis* 503
Christmas trees 5509
climate 503
controlled burning 2869
cycling 5736
deer 2677
drought injury 2091
*Eucalyptus macarthurii* 3340
*Eucalyptus viminalis* 3340
flora 7093
forest fires 4379
forest influences 5756
forest litter 5713
forest recreation 1809
ground vegetation 1004
herbicides 134
*Heterobasidion annosum* 5888
*Larix occidentalis* 6219, 6871
logging 5736
microclimate 5756
mud flows 5222
nature conservation 1809
nurseries 1053, 4431
*Orgyia pseudotsugata* 4472
palaeoecology 4378-4379
*Phytophthora lateralis* 7152
*Pinus contorta* 1618
*Pinus ponderosa* 1953, 5670, 5908
plant succession 2311, 5222
pollen 4378
*Populus deltoides* 5550
*Populus deltoides* × *P. trichocarpa* 5550
*Populus trichocarpa* 3340, 5550
pruning 5609
*Pseudotsuga menziesii* 1053, 1953, 2046, 2677, 3520, 4156, 5606, 5609, 6871
safety 5509
site class assessment 3520
snow 2091
social forestry 7353
soil types 3393
species trials 3340
synecology 5222
thinning 2046, 4156, 5606
urban forestry 7353
vegetation types 2091, 7093
volcanoes 1004, 2311
wildlife 7093
wind damage 2091
yield forecasting 5670
West Virginia
biomass 752
crown 5641
*Cryphonectria parasitica* 3051
forest ecology 859
ground vegetation 5835
hydrology 7306
natural regeneration 5835
palaeobotany 971
palaeoecology 971
*Picea rubens* 1576
*Quercus rubra* 5653
runoff 7306
site class assessment 5653

**USA** *cont.*
West Virginia *cont.*
synecology 5835
vegetation types 859
wood anatomy 859
Wisconsin
*Acer rubrum* 4936
acid rain 7766
*Acrobasis rubrifasciella* 1065
air pollution 278, 3586, 6354, 7766
biomass 7530
*Castanea dentata* 5164
*Castor canadensis* 5368
*Cydia toreuta* 3372, 7201
*Diplodia pinea* 3047
forest fires 2290
forest inventories 1370
forest litter 2105
forest resources 1370
*Fraxinus nigra* 4813
irrigation 6614
*Juglans nigra* 2012, 6133
land use 1370
mixtures 2012
mycorrhizas 1051
natural regeneration 1285
*Neodiprion pinetum* 3127
nurseries 1051, 6771
palaeoecology 967, 6463
*Picea glauca* 1051, 6771
*Pinus banksiana* 5239
*Pinus resinosa* 3372, 4244, 5586, 6155, 6241, 7423
*Pinus strobus* 278, 2012
plant succession 5368
pollen 6354
*Populus tremuloides* 4936
provenance 6133
*Quercus ellipsoidalis* 4936
*Quercus rubra* 1285, 2624, 2661
shelterbelts 6613-6614
silvicultural systems 1285, 2661
site preparation 5586
soil chemistry 3586
synecology 3817
vegetation types 2290, 3817
weed control 5585-5586
Wyoming
*Abies lasiocarpa* 2787, 6819
*Arceuthobium americanum* 4492
*Cronartium comandrae* 4492
dendrochronology 2564
*Dendroctonus ponderosae* 4492
fodder 5990
forest fires 2564
forest management 4665
forest recreation 6635
hydrology 6007
*Juniperus osteosperma* 5179
*Picea engelmannii* 2787, 6819
*Pinus contorta* 1354, 2787, 4492, 4797
*Pinus ponderosa* 5567, 5990
*Populus tremuloides* 5841
silvicultural conversion 5567
synecology 986, 5841
thinning 6007
vegetation types 986, 994, 5841, 5849
wildlife 5362
wind damage 2787
***Uscanoidea nigriventris*** 499
**USSR**
*Sorbus* 6141
*Acantholyda* 7255
*Alces alces* 543
*Archips crataeganus* 7255
*Armillaria mellea* 4451
*Capreolus capreolus* 543
*Cervus elaphus* 543
clear felling 2071
*Dendrolimus pini* 7255
*Diphyllaphis mordwilkoi* 8032
economics 4658
*Euproctis chrysorrhoea* 7255
fertilizers 3401
fishes 1
fodder 3478, 7112
forest fires 2185
forest influences 1, 2171
forest policy 1, 4658
**USSR** *cont.*
forest recreation 7779
forest resources 6690
forestry 3253-3254
fungicides 7261
Geometridae 7255
*Haloxylon aphyllum* 7112
hydrology 1
*Hylobius abietis* 7249
*Hylurgops palliatus* 7218
insect pests 3891
insecticides 7261
*Kochia prostrata* 7112
*Krascheninnikovia* 7112
*Lymantria dispar* 7255
*Lymantria monacha* 3089, 7255
*Neodiprion sertifer* 7255
nurseries 7585
*Operophtera brumata* 7255
*Panolis flammea* 7255
*Picea* 7249
*Picea abies* 3401
*Pinus* 7218, 7249, 7255
*Pinus sylvestris* 6220
pulpwood production 6807
*Quercus* 7195, 7255
*Quercus robur* 4271
*Rangifer tarandus* 543
reclamation 7313
remote sensing 2076
riverside plantations 2171
*Rubus idaeus* 5623
*Rubus nessensis* 5623
shelterbelts 2514, 3949, 6616
silvicultural conversion 6826
site class assessment 1413
soil types 3254
soil water 4271
stumpage value 6903
*Sus scropha* 543
*Synanthedon* 3085
*Synanthedon talischensis* 3085
synecology 3814
*Thaumetopoea pityocampa* 7195
thinning 6808
*Tomicus piniperda* 7218
*Tortrix viridana* 7255
tree breeding 7112
*Vaccinium myrtillus* 5623
*Vaccinium oxycoccus* 5623
*Vaccinium uliginosum* 5623
*Vaccinium vitis-idaea* 5623
vegetation types 3814
wildlife 543
Armenian SSR
acclimatization 3745
*Fagus orientalis* 6210
*Paranthrene tabaniformis* 3898
plant composition 3745
plant nutrition 3745
Azerbaidzhan SSR
arid regions 3173
canal plantations 3173
erosion control 3173
*Paranthrene tabaniformis* 3898
shelterbelts 3173
Byelorussian SSR
air pollution 7739
*Alces alces* 8102
*Alnus glutinosa* 1602
amenity forests 8178
bacteria 491
*Betula alba* 1602
biomass 7459, 7952
browse 8102
fertilizers 3389, 4744
fodder 7850
foliage 7850
forest litter 7702
forest recreation 7682
*Fraxinus pennsylvanica* 8120
fuelwood 7459
ground vegetation 1602
humus 7688
*Larix decidua* 7688
linear plantations 8120
lupins 7555, 7627, 7702
*Picea abies* 1602, 7688
*Pinus* 4744
*Pinus contorta* 7688
**USSR** *cont.*
Byelorussian SSR *cont.*
*Pinus sylvestris* 1602, 6283-6284, 7688
planting stock 7540
*Pseudotsuga menziesii* 7688
*Quercus robur* 7434, 7575
reclamation 7684
sap 491
Scarabaeidae 8057
silviculture 7575
site class assessment 6283, 7624
site preparation 7684
soil biology 7713
soil chemistry 7701
soil types 6283-6284
soil water 7683
thinning 7555, 7797
underwood 1602
urban forestry 7739, 8178
vegetation types 7459, 7921
wind 7797
Estonian SSR
breeding programmes 6760
drainage 7545
*Hylobius abietis* 2438
*Hylobius pinastri* 2438
*Phellinus tremulae* 7116
plant succession 428
*Populus tremula* 7116
tree breeding 7116
Georgian SSR, *Paranthrene tabaniformis* 3898
Kazakh SSR
arid regions 35, 552
dendroclimatology 552
desertification 3011
palaeoecology 2998
photosynthesis 552
*Pinus sylvestris* 250
shelterbelts 35, 447, 552
soil types 35, 250
species trials 552
*Ulmus pumila* 552
*Ulmus pumila* var. *arborea* 447
vegetation types 35, 3011
Latvian SSR, street trees 2563
Lithuanian SSR
flora 4002
*Kaltenbachiola strobi* 5961
national parks 4002
vegetation types 4002
Moldavian SSR, *Juglans* 3574
RSFSR
*Aceria ulmi* 3132
air pollution 2858, 7055
*Betula pubescens* 4459
biomass 2
birds 2475
*Dendrolimus pini* 7250
*Diprion pini* 7250
erosion control 2862
*Euproctis chrysorrhoea* 7250
exotics 6650
floodplains 2862
forest influences 2176
forest litter 3600
forest management 2066
forest recreation 3233
forest resources 2587, 4044
*Lymantria dispar* 7252
mountain forests 7088
mulching 6615
nature conservation 3233
*Neodiprion sertifer* 7242
nurseries 6202
ornamental woody plants 6650
*Pinus* 7250
*Pinus sylvestris* 7242
*Pontania proxima* 7241
*Quercus* 2862, 7202, 7250, 7252
reclamation 2862
remote sensing 1380
*Rossiulus kessleri* 3600
*Salix* 390, 1594
*Salix alba* 7241
*Salix fragilis* 7241
*Salix pentandra* 7241
shelterbelts 447, 2858, 6615
site class assessment 3530
soil conservation 3169

**USSR** *cont.*
RSFSR *cont.*
soil water 2307
sustainable land use 2066
synecology 1594, 7088
Tortricidae 7250
*Tortrix viridana* 7202, 7250
*Ulmus* 7250
*Ulmus pumila* var. *arborea* 447
vegetation types 1380, 1594
water pollution 6369
yield regulation 2066
Siberia
*Abies sibirica* 2743
assortments 1341
*Betula* 7311
*Betula ermanii* 3255
*Betula pendula* 2336
*Betula tortuosa* 4459
Buprestidae 7226
*Caragana microphylla* 6499
Cerambycidae 7226
*Dendrolimus sibiricus* 7226
dormancy 3746
forest litter 3590
forest recreation 6633
insect pests 4459
*Ips subelongatus* 7226
*Larix* 7226
*Larix sibirica* 3952
mycorrhizas 6508
*Pinus sylvestris* 2054, 3590
plant succession 6479
*Pontania proxima* 7241
remote sensing 2084
*Salix alba* 7241
*Salix fragilis* 7241
*Salix pentandra* 7241
shelterbelts 3952, 7311
vegetation 2084
vegetation types 6508
yield forecasting 2743
Tadzhik SSR, Scolytidae 8060
Turkmen SSR
vegetation types 2717
weight determination 2717
Ukrainian SSR
afforestation 7542
air pollution 7752
choice of species 815
Coniferae 496
*Fagus sylvatica* 4132
fertilizers 815
forest recreation 7099
*Fraxinus* 7187
*Heterobasidion annosum* 477
*Hyphantria cunea* 7253
insect pests 496
*Lepidosaphes ulmi* 7187
liverworts 7099
*Lymantria dispar* 7259
mined land 7771
mosses 7099
*Operophtera brumata* 3141
*Pinus sylvestris* 7518, 7635
*Populus* 7259
protection forests 8121
*Pseudotsuga menziesii* 7570
*Quercus* 7534
shelterbelts 7259, 8121
site class assessment 7542
snow 7752
soil fertility 815
stand characteristics 7618
*Tortrix viridana* 3141
water conservation 8114
watersheds 8113
USSR Far East
*Betula ermanii* 3255
forest fires 6979
forest litter 6334
forest policy 1844
forest resources 1844
natural regeneration 3424, 6392
*Picea jezoensis* 6285
*Pinus koraiensis* 3424
resin tapping 2704
seeds 6392
silvicultural systems 3424
soil biology 6334
yield regulation 1844
***Vaccinium corymbosum***
agroforestry 8157
edible species 8157
flowering 7803
fruit 8157
fruiting 7803
***Vaccinium globulare***
allelopathy 7102
ferns 7102
***Vaccinium myrtillus***
agroforestry 8157
edible species 8157
fruit 5623, 6264, 8157
insecticides 7269
***Vaccinium oxycoccus,*** fruit 5623, 6264
***Vaccinium uliginosum,*** fruit 5623, 6264
***Vaccinium vitis-idaea***
agroforestry 8157
edible species 8157
fruit 5623, 6264, 8157
shoots 2702
***Valanga nigricornis*** 3062
**Valmet harvester** 4177
***Valsa abietis*** 1632
***Valsa paulownia*** 2392
***Valsa sordida*** 3851, 5897
**Valuation** 777, 3013, 3247, 3569, 4242, 4896, 5356, 5494, 5694, 6639, 6649, 6696, 6900-6901, 7364, 7618
***Vangueria infausta***
seed germination 3363
seed treatment 3363
**Vanuatu**
*Agathis macrophylla* 4410
agroforestry 5475
Araliaceae 1586
choice of species 3339, 3354, 4064
*Cordia alliodora* 3843, 4066, 4171, 4433, 4441
*Corticium salmonicolor* 4441
farm forestry 3339
forest management 3311
forestry 3311
fuel plantations 4064
land use 3311
*Liquidambar styraciflua* 4067
*Phellinus noxius* 4433
provenance 3354, 3843, 4066-4067, 4410
social forestry 3339
species trials 3354, 4064-4065
*Tectona grandis* 3354
tree breeding 3843, 4410
vegetation types 3311
vegetative propagation 4092
wind damage 4253
***Vateria copallifera***
plant composition 1516
taxonomy 5150
***Vateria indica***
gums 7819
resin canals 7819
resins 7819
taxonomy 5150
***Vateria macrocarpa***
nature conservation 5150
taxonomy 5150
***Vatica mangachapoi,*** light 233
***Vatica pauciflora,*** fungal diseases, *Fusarium* 5266
***Vatica sumatrana,*** mycorrhizas 7991
***Vatica teysmanniana,*** support trees 2029
***Vavraia*** 7260
**Vegetation**
Australia, New South Wales 2299
Canada, Alberta 7090
Central America 3552
classification 986, 3817, 5184, 5193, 5843-5844, 5848, 6474-6475, 7086, 7090, 7401, 7935
degradation 956, 1161, 1851, 2289, 2291, 3011, 3552, 4611, 5380, 6025
Developing Countries 3552
history 973, 3294, 7954
Canada, Quebec 2994, 4377
Central America 4381
China 983
Denmark 974, 978
Europe 3001
Finland 6461
**Vegetation** *cont.*
history *cont.*
German Federal Republic 977, 4384
Iran 972
Irish Republic 975
Israel 5173
Italy 966
Japan 401
Mexico 4381
Netherlands 4382-4383
New Zealand 2992-2993
North America 970, 2996, 3001-3002, 4380
Panama 5174
Sweden 7932
Switzerland 976
UK 2995, 3000, 5167, 5838-5839
USA
Michigan 6463
Wisconsin 967, 6463
methodology 2299-2300
Netherlands Antilles 5165
simulation 2300
Singapore 5777
surveys 219-220, 2299-2300, 3228, 4611, 6592, 6894-6896
Sweden 3294
USA
Arizona 7663
Arkansas 3792
California 5848
Hawaii 7091
New York 7954
West Africa 3552
zoning 3003, 7921
**Vegetation types**
arid regions 7937
Australia
Australian Northern Territory 989-990
Western Australia 3811
bogs 3004, 3803, 5850, 6467, 6630
books 2567, 6076
boreal forests 2996, 3814, 6473
Botswana 3557
bottomland forests 1404, 2292, 2472, 3593, 5705, 6172
Brazil 806, 1404, 3566, 3672, 3809, 4390, 5182, 7941
broadleaved deciduous forests
temperate zones 192, 294, 672, 859, 982, 1284, 2285, 4394, 4948, 5200, 5752, 5851, 5992, 7085, 7717, 8100
tropics 985, 3614, 6471, 6928
broadleaved evergreen forests 411
temperate zones 5820, 6476, 7640
tropics 985, 3813, 6469, 6471, 6928
Bulgaria 3471
Burkina Faso 3551
caatinga 409, 3614
campina 3614
Canada 1001, 7401
British Columbia 419-420, 3803, 5201
New Brunswick 5207
Nova Scotia 7085
Ontario 5202
Quebec 3825, 4714, 5202, 6371
Yukon 421
Canary Islands 1789
cerrado 774, 806, 861, 3566, 3672, 3809, 5182
chaparral 4392-4393, 4396, 5830
Chile 1805, 6474-6476, 6631, 7933-7934
China 396, 411, 416, 983, 3010, 6782
Zhejiang 6469-6470
classification 993-994, 998, 3007, 3551, 3594, 3811, 3819, 5846-5847, 5849, 7087, 7923
cloud forests 2305, 5204, 5217, 6524, 6632
coastal plant communities 985, 5189, 6470
conferences 10, 7401
coniferous forests
temperate zones 2091, 2109-2110, 3510, 3559-3560, 3803, 3818,

**Vegetation types** *cont.*
coniferous forests *cont.*
temperate zones *cont.*
4236, 4661, 4928, 5362, 5487, 6819, 7282, 7717
tropics 985
Costa Rica 5217
Cuba 405, 985, 3813, 7621
Czechoslovakia 407, 1000, 4398, 4853, 5600, 5845
deserts 874, 1114, 2717
dunes 2170
Egypt 7951
elfin woodlands 3014, 5217
espinal 7334
Ethiopia 1296
Europe 6076
Federated States of Micronesia 219-220, 6894-6895
fens 5850, 6467
France 1805
French Guiana 7795
fynbos 5761
garrigue 5390
German Democratic Republic 6465
German Federal Republic 564, 4320, 4803
grasslands 1594, 2567, 3655, 6630, 6928
Guatemala 5204
heathland 5215
history 987, 2290
Hungary 3810
India
Jammu and Kashmir 6929
Karnataka 2291
Kerala 3815
Tamil Nadu 2114, 2303, 7943
Uttar Pradesh 1177, 2301-2302, 4859
Indonesia 2555
Iran 4836, 4915, 4930
Israel 1805
Jamaica 1827
Japan 192, 414-415, 417, 2285-2286, 3818-3819
Kenya 4399
kerangas 988
Korea Republic 3022
Madagascar 6383
Malaysia 4172, 5194
mangrove forests 112, 412, 546, 985, 2306, 2484, 2520, 3229, 4589, 4924, 5188, 5350, 5422, 7728, 7795
maquis 5390
matorral 6619, 7340, 7464
Mauritania 1147
Mediterranean Countries 5390
Mexico 2250, 2305, 4387-4388, 5205, 6442, 6619, 7936-7937
moorland 564, 997
Nepal 554
Netherlands 4382
New Zealand 5840
Niger 5180
North America 2996
Norway 7084
Pacific Islands Trust Territory 6896
Panama 2315
peatlands 2483, 2683, 6302, 7086
Poland 2287, 3007, 6465
Portugal 5380
prairies 2313
rain forests 1974, 3286, 6459
Africa 780
Australia 410
Queensland 6002
books 4015, 4588
Brazil 996, 4625
Central America 801
Chile 6435, 6474
Costa Rica 1969, 2255, 2329, 3890
Cuba 985
French Guiana 2108
Ghana 7324
India 4867
Kerala 7385
Indonesia 2293, 3675
Ivory Coast 8129
Japan 422

**Vegetation types** *cont.*
rain forests *cont.*
Kalimantan 747
Malaysia 7292
Mexico 634, 1012, 1595, 1883
Netherlands Antilles 3014
New Zealand 2316
Nigeria 2734
Panama 2811
Papua New Guinea 8099
Peru 3013, 5196
Philippines 1851, 6300
Solomon Islands 2288
Taiwan 190, 6468
Tropics 605-606, 4588, 4605, 7329
Uganda 6602
riparian forests 985, 987, 996, 2111, 2553, 3008, 3011, 3220, 3228, 3602, 3656, 4217, 4391, 4397, 4399, 4404, 4522, 5342, 5686, 5997, 7356, 7438
Sarawak 988
savanna woodlands 780, 1968, 2290, 3557, 7711, 7949, 8093
savannas 985, 4553, 5180, 5987, 5989, 6976, 7083, 7609, 8091
sclerophyllous forests 985
sclerophyllous scrub 985
scrub 985, 3560, 3803, 4396, 5676, 7083, 7281, 7459
Sierra Leone 4246
simulation 2798, 3004-3005, 3286
Somalia 3220
South Africa 1805, 2567, 5761
Spain 5380
Sri Lanka 4611
statistical methods 3819
subalpine forests 414-415, 5203, 5467
swamps 2483-2484, 2798, 3557, 5183, 5190, 7945
Taiwan 6471
thicket 3014, 7717
Tropics 1824
USA 10, 764, 1963, 4403, 5487, 5672, 5716, 7401
Arizona 4217, 5342, 5574, 5843, 5847, 7936
Arkansas 4524
California 3560, 4392-4393, 4396-4397, 5185, 5203, 5830
Colorado 993, 3562, 4389, 4391, 4404, 5844
Connecticut 5200
Florida 2321, 4394
Georgia 1346
Hawaii 7091
Idaho 4994, 5193, 5208, 5212, 5841-5842
Illinois 2313
Indiana 7100
Iowa 4210
Kansas 987
Louisiana 4883
Maine 5195
Massachusetts 1629
Michigan 3558, 5213, 6480
Minnesota 1603
Montana 4236, 4402, 4994, 5192
Nevada 5841
New Hampshire 5214, 5357, 5743, 7086, 8100
New Mexico 995, 5843, 5846-5847, 7935
North Carolina 744, 1346, 4395, 4661, 7636
North Dakota 1088
Oregon 7092
South Carolina 992, 1346
South Dakota 5849
Tennessee 4395, 7636
Texas 4030
Utah 5841
Virginia 1346, 4661
Washington 7093
West Virginia 859
Wisconsin 2290, 3817
Wyoming 986, 994, 5841, 5849
USSR 3814
Byelorussian SSR 7459, 7921
Kazakh SSR 35, 3011
Lithuanian SSR 4002

**Vegetation types** *cont.*
USSR *cont.*
RSFSR 1380, 1594
Siberia 6508
Turkmen SSR 2717
Vanuatu 3311
Venezuela 409, 3614
wetlands 1001, 2682, 3005, 3165, 3938, 4382, 7354
Yugoslavia 982, 3593
**Vegetative propagation**
*Agathis* (Araucariaceae) 4410
air layering 80, 647, 5632
*Alnus* 2636
*Araucaria* 5025
*Bambusa* 3487
books 6652
budding 647, 1238
*Cladrastis* 2560
clones 1312, 2559, 4732, 6129, 6161-6162
conferences 1154
*Cordia* 3843
culture media 3379, 6758
*Dalbergia* 1606
*Dendrocalamus* 3487
economics 4100
embryo culture 7968
*Erythrina* 3951
*Eucalyptus* 1606
*Franklinia* 2560
*Gigantochloa* 3487
*Gliricidia* 3951
*Gmelina* 3842
grafting 2560
*Alnus* 638
*Araucaria* 4102
*Carya* 6172
*Castanea* 5548, 6169
*Chamaecyparis* 7372
*Cupressus* 7372
*Eucalyptus* 1245, 1250
*Juglans* 647, 1238
*Larix* 2878, 6173, 6757
ornamental woody plants 6652
*Picea* 73, 1241, 3242, 7372
*Pinus* 643, 4102, 6681
*Pittosporum* 1219
*Populus* 7565
*Prunus* 7494
*Pseudotsuga* 1244, 3382
*Thuja* 7372
*Ilex* 2560
layering 647, 2636, 5632
*Liriodendron* 3381
*Magnolia* 2560
needle fascicles 3379
ornamental woody plants 2559
*Phyllostachys* 7907
*Picea* 5506
*Pinus* 3834, 5506, 6129
*Platanus* 3841
*Populus* 1312, 1921
*Quercus* 5546
research 1251, 3315, 5630
reviews 1607, 2559, 7515
root cuttings 5025
rootstocks 73, 7372, 7374, 7565
*Schizostachyum* 3487
shoot cuttings 2560, 5378
*Acacia* 645
*Acer* 3238
*Agathis* (Araucariaceae) 4092
*Alnus* 3377, 4096
*Araucaria* 4102
*Bambusa* 2030
Bambuseae 2028
*Betula* 3383, 4096, 7373
*Brassaiopsis* 5630
*Buddleja* 5630
*Casuarina* 7508
*Chamaecyparis* 7372
*Cinnamomum* 443
*Cordeauxia* 6265
*Cordia* 4092
*Cryptomeria* 7976
*Cupressus* 7372
*Dendrocalamus* 2030
*Elaeagnus* 1795
*Erythrina* 5630
*Eucalyptus* 1247, 1250, 4810

**Vegetative propagation** *cont.*
shoot cuttings *cont.*
*Fagus* 1930, 3238, 4096
*Ficus* 1237, 5630
*Fraxinus* 4096
*Garuga* 5630
*Gmelina* 642, 6170
*Hibiscus* 1794
*Larix* 71, 4742, 5525, 6757-6759
*Leucosceptrum* 5630
*Metasequoia* 6168
*Moringa* 3474
*Morus* 3239, 3375, 4823, 5630, 7373
*Paulownia* 6167
*Picea* 1239-1240, 1254, 1930, 4097, 4099-4100, 4414, 4730, 4742, 5551, 6161, 6256, 6492, 6760, 7372
*Pinus* 440, 3378, 4102, 4721, 6174
*Pittosporum* 1219
*Platanus* 3841, 7512-7513, 7559
*Populus* 74, 1921, 1935, 2637, 2960, 3385, 4096, 4103, 4761, 5549-5550, 6761
*Prunus* 4096, 4722, 7373
*Pseudotsuga* 4098, 6162
*Quercus* 644, 4096, 4740
*Robinia* 4096
*Salix* 1794, 4095
*Sorbus* 4096
*Stewartia* 3238
*Syringa* 3238
*Tamarix* 1795, 7511, 7514
*Thuja* 7372
*Tilia* 2563, 4096
*Ulmus* 4096
*Widdringtonia* 1932
*Woodfordia* 4723
*Spondias* 3951
*Taxus* 2560
tissue culture (*see* Tissue culture)
*Torreya* 2560
**Venezuela**
agroforestry 3978, 8153
*Aulonemia robusta* 6454
*Caesalpinia coriaria* 894
*Caesalpinia mollis* 894
*Caesalpinia reticulata* 894
*Coccoloba uvifera* 6337
*Conocarpus erectus* 6337
*Copernicia tectorum* 1007
*Crateva tapia* 887
cycling 3614
dendrochronology 6073
*Ficus pertusa* 1007
*Ficus trigonata* 1007
forest litter 3614
land use 2528
*Lecointea marcano-bertii* 5153
*Licaria tomentosa* 384
mangroves 2528
*Morisonia americana* 887
*Mouriri latihila* 383
*Mouriri longifolia* 383
*Mouriri papillosa* 383
*Ocotea flavantha* 384
*Ocotea liesneri* 384
*Ocotea megacarpa* 384
*Persea croatii* 384
*Persea croizatii* 384
*Persea fluviatilis* 384
plant succession 5216
plant water relations 6337
*Rhizophora mangle* 6337
saline soils 6337
shade trees 3978, 8153
shifting cultivation 4943
soil chemistry 4943
soil types 4943
vegetation types 409, 3614
*Vismia schultesii* 6455
*Vismia steyermarkii* 6455
***Venturia populina*** 4444
**Verbenaceae**
Bangladesh 5831
minor forest products 5831
***Verticillium*** 3137
***Verticillium lecanii*** 6534
**Veteran or remarkable trees** 5438, 6272, 7611
**Vibration** 6879
***Viburnum***
insect pests, *Pulvinaria* 3082
nurseries 3241
wood anatomy 321
***Viburnum cassanoides,*** fungal diseases, *Ceratocystis* 1641
***Viburnum dilatatum,*** pollen 4358
***Viburnum foetens***
multipurpose trees 2737
silvicultural characters 2737
***Viburnum grandiflorum,*** soil fertility 6929
***Viburnum lantana,*** seed germination 3749
***Viburnum opulus***
defoliation 2561
nurseries 2561
planting stock 4088
seeds 4088
silviculture 4088
***Viburnum prunifolium,*** plant succession 2313
**Vietnam**
agroforestry 2539
*Amentotaxus* 3781
bamboos 6792
forestry 1178
forestry development 1853
international cooperation 1785, 1853
labour 1853
national parks 1178
*Pinus* 1321
*Pinus kesiya* 3480, 4208
pulpwood production 6792
resin tapping 1321
social forestry 1785
species trials 2539
vegetation types 1178
***Villebrunea rubescens,*** synecology 1598
**Vines** (*see* Climbers)
**Viral diseases**
books 6661
reviews 6661
trees 492, 4429, 5291, 8018, 8072
**Virgin forests** 416, 2292, 4190, 5837, 7092, 7292, 7685
***Virola calophylla***
phenology 7924
stand characteristics 7924
***Virola koschnyi***
light 2255
photosynthesis 2255
plant succession 2255
seedlings 2255
***Virola melinonii***
bark 899
dendrochronology 7633
growth rings 7633
increment 7633
medicinal plants 899
plant composition 899
***Virola sebifera***
bark 899
coppice 5578
medicinal plants 899
plant composition 899
***Virola surinamensis***
bark 899
medicinal plants 899
plant composition 899
species trials 3347
***Viscum album*** 4454, 6376, 6525
***Vismia schultesii,*** taxonomy 6455
***Vismia steyermarkii,*** taxonomy 6455
**Vitamins** 4340, 7850
***Vitex cofassus,*** support trees 2029
***Vitex cymosa,*** wood anatomy 996
***Vitex gardneriana***
calorific value 2225
wood chemistry 2225
wood density 2225
***Vitex glabrata,*** wood anatomy 3681
***Vitex keniensis***
seed germination 6741
seed treatment 6741
***Vitex negundo***
biomass 610
coppice 610
flavonoids 2892
foliage 2892
stand characteristics 610
***Vitex peduncularis,*** wood anatomy 3681
***Vitex pubescens***
seedlings 3785
wood anatomy 3681
***Vochysia hondurensis,*** species trials 3347
***Vochysia magnifica***
keys 3771
taxonomy 3771
***Vochysia oppugnata***
keys 3771
taxonomy 3771
***Vochysia thyrsoidea***
phenology 3672
roots 7001
***Vochysia tucanorum***
keys 3771
taxonomy 3771
**Volcanoes** 426, 1004, 2311, 2319, 4305
**Voles** 532, 545, 1694, 2479, 7287, 8108
**Volume determination**
dendrometers 729
equations 594, 2073, 4632, 6855, 7614
*Abies* 167
*Acacia* 733
*Alnus* 6872
*Betula* 2041
*Campnosperma* 3505, 4194
*Carpinus* 4835
*Cedrela* 3502, 4194
*Cleistopholis* 4194
*Cryptomeria* 180, 727
*Eucalyptus* 2722, 3503, 4194, 4832, 6852-6853
*Fagus* 4835, 4841
*Gmelina* 2719, 4194
*Hevea* 734
*Juniperus* 6854
*Picea* 166, 729, 2041
*Pinus* 724, 1333, 3508-3509, 6854
*Populus* 7617
*Prosopis* 6854
*Pseudotsuga* 3507
*Quercus* 4841, 6854
*Shorea* 2043-2044, 7616
*Swietenia* 3506
*Tectona* 165, 4194
*Terminalia* 2720, 3504, 4194
estimation 167, 1333, 4829, 5012, 5602, 5685, 6851, 7608, 7615, 7652, 7662
merchantable volume 165, 180, 734, 1333, 2719-2720, 3502-3506, 4194, 4843, 6852
remote sensing 213, 2755, 3561
simulation 213, 4873, 6891
statistical methods 594, 762, 4632, 7614-7615, 7662
**Volume tables**
*Abies balsamea* 176-177
*Acacia mangium* 733
*Betula alleghaniensis* 174
*Betula pendula* 2041
*Betula pubescens* 2041
*Bruguiera gymnorrhiza* 178
*Campnosperma brevipetiolata* 3505
*Carya* 728
*Cedrela odorata* 3502
*Cryptomeria japonica* 3501
*Dalbergia sissoo* 2042
*Eucalyptus* 4843
*Eucalyptus camaldulensis* 2042
*Eucalyptus deglupta* 2722, 3503
*Eucalyptus globulus* 4874
*Fagus grandifolia* 174
*Fagus sylvatica* 4196
*Fraxinus excelsior* 4844
*Gmelina arborea* 2719
*Juniperus* 6854
*Juniperus osteosperma* 4195
*Liquidambar styraciflua* 728
*Liriodendron tulipifera* 728
*Lumnitzera littorea* 178
*Nyssa sylvatica* 728
*Picea abies* 2041, 4197
*Picea mariana* 176-177, 4842
*Pinus* 6854
*Pinus caribaea* 3508
*Pinus elliottii* 3508-3509
*Pinus monophylla* 4195
*Pinus oocarpa* 3508
*Pinus sylvestris* 4197
*Pinus taeda* 3508

**Volume tables** *cont.*
*Pinus thunbergii* 175
*Populus* 179, 7564
*Populus ciliata* 7617
*Prosopis velutina* 6854
*Pseudotsuga menziesii* 731-732, 3561
*Quercus* 728, 4196, 6854
*Rhizophora apiculata* 178
*Rhizophora mucronata* 178
*Shorea* 2043-2044, 7616
simulation 176-177, 2041
*Sonneratia alba* 178
*Swietenia macrophylla* 3506
*Tectona grandis* 165
*Terminalia brassii* 2720
*Terminalia calamansanai* 3504
*Xylocarpus granatum* 178
***Vombatus ursinus*** 6596
***Votomita pubescens,*** taxonomy 383
***Votomita roraimensis,*** taxonomy 383
***Wallabia bicolor*** 6596
***Wallichia***
plant morphology 5827
taxonomy 5827
**Wapiti** (*see Cervus elaphus*)
***Washingtonia filifera***
biochemistry 6420
chemotaxonomy 908
enzymes 6420
fruit 7039
plant composition 908, 7039
seed germination 6420
***Washingtonia robusta***
chemotaxonomy 908
plant composition 908
**Water conservation** 549, 1105, 1443, 1704, 2866, 3957, 6006, 6079, 6606, 7296, 8114, 8159
**Water pollution**
Australia 4293
Western Australia 4974
Canada, British Columbia 3265, 3449
control 1703
Cuba 3945
German Democratic Republic 2850, 6361
German Federal Republic 7777
Netherlands 2161
Sweden 2162
UK 7307
USA 1703
Maine 5589-5590
New Jersey 2860
USSR, RSFSR 6369
**Water relations** (*see* Plant water relations)
**Water table** (*see* Groundwater)
**Watering** (*see* Irrigation; Nurseries, irrigation)
**Waterlogging** 810, 996, 2120, 2798, 2806, 4154, 4274
**Watersheds** (*see also* Afforestation, watersheds)
bibliographies 4596, 7295
conferences 4604
economics 1706
hydrology 1706, 5470, 6608, 8138
Austria 4529
Canada 27
Alberta 550
Cuba 3945
French Guiana 8127
India, West Bengal 2112
Japan 1102, 8111
Malaysia 7292, 8130
New Zealand 7301
Romania 6008
Surinam 1142
UK 4531
USA
Connecticut 3165
Idaho 4596
Oregon 8118
USSR, Ukrainian SSR 8113-8114
management 27, 550, 1102, 1700-1701, 1706, 2112, 3942, 4397, 4531, 4596, 5375, 6005, 7292, 7295, 7301, 8112-8114, 8138
nutrients 1142, 1698, 5730, 6346, 8118
research 4604
reviews 5375, 8138
simulation 5375, 6608
**Waxes** 1995, 2145, 2787, 3625, 3726, 5744, 7816, 7833, 7859
**Weather** (*see* Climate)
**Wedge prisms** 722, 4223, 6270
**Weed control** 1681
agroforestry 3215, 4554, 5596-5598, 6047, 6049, 8149
burning 129, 2002, 2554, 2867, 5488, 5595
chemical treatment (*see* Herbicides)
computer techniques 5488
conferences 14, 2577, 3267, 6669-6670
economics 132, 5338, 6776, 8146
grazing 1997, 5338, 7282
machinery 6824
manual weed control 129, 132, 5587-5588, 6776
mechanical methods 2002, 2684, 4785, 5645, 6824, 6913
mulching 4786-4787, 7549
plantations 6824, 8149
*Ailanthus* 3450
*Alnus* 3450
*Araucaria* 3453
*Carpinus* 673
Coniferae 685, 5593
*Larix* 3450
*Leucaena* 153
*Picea* 4786-4787
*Pinus* 1999, 2687, 3450, 3454, 4789, 7547
*Pseudotsuga* 132
*Quercus* 673, 703, 3450
*Robinia* 3450
*Sorbus* 673
silviculture 129, 2684, 3268, 5594, 6228, 7547
theory 4554
woody weeds 129, 685, 5210, 5488, 5593, 7547
*Acacia* 2395, 2554, 2867, 4783, 4785, 5211, 5592, 5595, 5987, 7550, 7554
*Acer* 1997, 4778, 5591
*Amelanchier* 1999, 3445
*Arctostaphylos* 133
*Balanites* 2867
*Betula* 4147, 4778
*Ceanothus* 132-133
*Cornus* 4144
*Corylus* 1999, 3445
*Eucalyptus* 5211
*Fraxinus* 5591
*Grewia* 2867
*Hakea* 5211
*Hermannia* 2867
*Juniperus* 7553
*Lantana* 7193
*Larix* 3452
*Myrica* 127
*Pinus* 3452, 5211, 7553
*Populus* 1996, 1999, 3445, 4146
*Prosopis* 7551-7552, 7554
*Prunus* 1999, 6229
*Quercus* 689, 3451, 4144
*Rubus* 1997, 1999
*Salix* 3445
*Solanum* 2867
*Ulmus* 4144
*Umbellularia* 6226
**Weeds** 128-129, 1452, 1650-1651, 2414, 2554, 2687, 3444, 3446, 4122, 4791, 7525, 7959
***Weigela,*** wood anatomy 321
***Weigela florida,*** air pollution 7745
***Weigela japonica,*** pollen 4358
***Weigela* 'Van Houte',** air pollution 7745
**Weight determination** 170, 2716-2717, 5012
**Weight tables** 728, 745, 1339, 2042
***Weinmannia racemosa***
fungal diseases, *Sporothrix* 2389
insect pests, *Platypus* 2389
natural regeneration 963, 1970
plant succession 2316
vegetation types 2316
***Weinmannia silvicola***
plant succession 7920
synecology 7920
***Welfia georgii***
climbers 7095
***Welfia georgii*** *cont.*
mortality 5366
***Wendlandia ligustroides,*** synecology 7948
**West Africa**
deforestation 3552
forest management 3552
remote sensing 3552
vegetation 3552
**Western Samoa**
agroforestry 5475
*Heteropsylla cubana* 5932
shade trees 5932
***Widdringtonia cedarbergensis,*** direct sowing 1298
***Widdringtonia nodiflora,*** shoot cuttings 1932
**Wilderness** 3232, 5423
(*see also* Nature conservation)
**Wildlife**
as food 6603, 7289
Australia
New South Wales 8103
Victoria 5347
biology 3934, 7289, 8106
books 5456
Chile 5341
computer techniques 4527, 7423
conservation 564, 2481, 2483, 2552, 2554-2555, 3222, 3938, 4561, 4611, 5350, 5359, 5422, 6593, 6602, 7289, 7356, 8106
*Hylobates* 406
control 538, 1087, 1098, 2479, 3936, 6828
Costa Rica 5366
damage 169, 469, 537, 540-541, 544, 1291, 2478, 2482, 2678, 2876, 3161, 3936, 5343, 5360, 5366, 5456, 5469, 5804, 6600, 6667, 6787
ecology 412, 543, 2504-2505, 3938, 4611, 5341, 5347, 5357, 5359, 5362, 5997, 6602, 7708
*Aepyceros* 4520
*Aplodontia* 1093
*Apodemus* 545, 4271, 7287
*Castor* 544, 1697, 5368
*Cervus* 6593
Chiroptera 6595
*Clethrionomys* 545
*Dasyprocta* 5127
*Elephas* 2483
*Eothenomys* 7287
*Felis* 6593
*Hylobates* 406
*Loxodonta* 6003
*Macropus* 6594
mammals 8099
marsupials 6596
*Martes* 1095, 5132
*Meles* 5132
*Microtus* 545, 7287
*Panthera* 6593
*Petauroides* 8103
*Plethodon* 295
*Pseudocheirus* 5352
*Rangifer* 3939
*Ratufa* 6593
*Sciurus* 3936
*Tragelaphus* 4520
*Trichosurus* 5344, 5352
*Ursus* 1094
*Vulpes* 5132
economics 540, 5356, 5469
equipment 6828
fires 5345, 5352
forestry 295, 863, 1013, 1094, 2468, 2476, 2480, 3661, 4528, 5367, 5469
German Democratic Republic 544
German Federal Republic 5359
history 543
India 7289
Indonesia 3934
management 1839, 2554, 3889, 3936, 5367, 8098
methodology 4525, 5356, 6593
Nigeria 4561
Peru 6603
pesticides 2479, 3448
Philippines 3938

**Wildlife** *cont.*
simulation 1839, 6593
Spain 5132
Sri Lanka 4611
statistical methods 1093
Switzerland 2468
Thailand 1130
USA 4869, 5367, 5469, 8098
Arizona 5997
Montana 5362
New Hampshire 5357, 6605
North Carolina 2761
Oregon 3661, 7092
Vermont 6604
Washington 7093
Wyoming 5362
USSR 543
***Wilsonia citrina*** 5361
**Wilts** (*see also Ceratocystis ulmi*)
*Metasequoia* 2385
*Nothofagus* 8006
*Pinus* 6577, 8071
*Platanus* 3275, 8007
*Quercus* 5892
*Ulmus* 483, 3056, 5274
*Weinmannia* 2389
**Wind**
damage 4769
forest influences 4986, 5701
habit 4317
measurement 4898
methodology 5483
resistance 235-236, 238, 1395, 2784, 3580, 4683, 6323, 7797
shelterbelts 2499-2500, 4533-4534, 5376, 6016
statistical methods 5483
theory 5701
**Wind damage**
books 5456
Czechoslovakia 5804
ecology 237-238, 786, 1632, 2780, 4253, 4797, 5199, 7097
equipment 236
Finland 4910, 6323
foliage 2091, 2787, 2884, 4908, 6320
habit 924, 4256, 4982, 6320, 7797
increment 237, 2091, 4256, 5605
methodology 788
Netherlands 4689
New Zealand 6320
protection 235, 7558
rehabilitation 1137, 3578
reviews 600
simulation 3284, 7677
site factors 785, 1394, 6323
soil 7687
UK 3578
wood defects 237, 4256
**Windbreaks** (*see* Shelterbelts)
**Winter hardiness** (*see* Frost resistance)
**Winter injury** (*see* Frost injury)
***Wisteria sinensis***
nitrogen fixing trees 5873
root nodules 3042, 5873
**Witches' brooms** 495, 1058, 6379, 7170
**Wolves** 5994
**Wood,** collections 329
**Wood anatomy**
*Abelia* 321
*Abies kawakamii* 6399
*Abies nephrolepis* 2580
*Abies sachalinensis* 8010
abnormal development 5035-5036, 7748
Acanthaceae 5034
*Acanthopanax sciadophylloides* 313
*Acer mono* 313, 1475
*Acer pseudoplatanus* 2211
*Aesculus turbinata* 313, 7823
*Ailanthus excelsa* 7003
*Albizia julibrissin* 313
*Alnus japonica* 313
*Alstonia boonei* 309
*Anacardium occidentale* 1467
*Annona* 996
*Anogeissus latifolia* 4819
*Anogeissus leiocarpus* 309
*Antiaris africana* 309
*Antiaris toxicaria* 7823
*Aristotelia fruticosa* 2212
*Aristotelia serrata* 2212
**Wood anatomy** *cont.*
*Ascarina* 4328
Austrobaileyaceae 5033
*Avicennia alba* 3681
*Avicennia officinalis* 3681
*Azadirachta indica* 309, 7808
*Bauhinia retusa* 4816
*Betula maximowicziana* 1475
*Betula pendula* 4323
*Bocconia* 326
books 4586
*Boscia salicifolia* 309
broadleaves 2881, 2883, 3689, 6398
*Buchanania lanzan* 3682
*Bucida* 334
*Caesalpinia coriaria* 894
*Caesalpinia mollis* 894
*Caesalpinia reticulata* 894
*Callicarpa macrophylla* 3681
*Campylotropis macrocarpa* 2880
Caprifoliaceae 321
*Castanea crenata* 313, 1475
*Cedrela* 7832
Celastraceae 5033
cell walls 310, 1166, 2211, 2580, 2765, 6399, 7003
*Celtis pallida* 1462
*Celtis reticulata* 1462
*Celtis trinervia* 888
*Ceratiola* 2887
*Cercidiphyllum japonicum* 313
*Chamaecyparis formosensis* 6996
*Chamaecyparis obtusa* 6996
chemistry 264, 2211, 3688
*Chrysophyllum albidum* 309
*Cinnamomum camphora* 313
*Cinnamomum montanum* 333
*Citharexylum myrianthum* 1463
*Clethra monostachya* 5016
*Cneorum tricoccon* 5030
*Cneorum trimerum* 5030
*Combretodendron macrocarpum* 309
computer techniques 24, 2204
Convolvulaceae 5033
*Cordia platythyrsa* 309
*Corema* 2887
*Coula edulis* 309
*Crateva tapia* 887
*Cryptomeria japonica* 320, 6497, 6995, 7409
*Cunninghamia konishii* 6399
*Cunninghamia lanceolata* 284, 2209, 2580
cytoplasm 320
*Dacryodes edulis* 309
*Dadoxylon taiyuanensis* 969
*Dalbergia* 7830
damage 2169, 4323, 5748
*Degeneria roseiflora* 2886
*Degeneria vitiensis* 2886
*Dendromecon* 326
*Dendropanax arboreus* 333
*Dicentra* 326
*Diegodendron humbertii* 324
differentiation 325, 1474, 2203, 2211, 3688, 4327, 5799
*Dillenia pentagyna* 1467
*Dipterocarpus indicus* 1467
*Drimys* 5032
*Elaeocarpus dentatus* 2212
*Elaeocarpus hookerianus* 2212
Empetraceae 2887
*Empetrum* 2887
environment 2885, 7748
*Eperua falcata* 7807
*Eperua grandiflora* 7807
*Eperua rubiginosa* 7807
*Ephedra* 2885
Ericaceae 5033
*Erythrina stricta* 1467
*Eucalyptus acmenioides* 7820
*Eucalyptus globulus* 7820
*Eucalyptus pellita* 7820
*Fagus crenata* 313
*Fagus sylvatica* 2169, 4323, 5748
fibres 309, 311-312, 316, 860, 1467, 1475, 2852, 2880, 3654, 4076, 5033, 6415, 6999, 7043, 7814, 7820, 7822-7823
*Fraxinus americana* 2888
*Fraxinus spaethiana* 1475, 7823
**Wood anatomy** *cont.*
*Gluta elegans* 3682
*Gmelina arborea* 1464, 3681
*Grewia tiliifolia* 1467
*Grimmeodendron eglandulosum* 888
Grossulariaceae 5033
growth factors 284, 316, 859-860, 2765, 2852, 3653-3654, 7820, 7826
Gymnospermae 4326
*Hevea brasiliensis* 1467, 5788
*Holarrhena floribunda* 309
*Holigarna caustica* 3682
*Hunnemannia* 326
identification 24, 2881, 3681-3682, 3774, 5788, 7832
*Ilex* 996
*Jacaranda acutifolia* 309
*Juglans mandshurica* 313
*Juglans sieboldiana* 1475
juvenile wood 282, 2852
*Khaya grandifoliola* 309
*Lagerstroemia microcarpa* 1467
*Laguncularia racemosa* 888
*Lannea coromandelica* 3682
*Larix laricina* 3688
*Larix leptolepis* 5617
*Larix principis-rupprechtii* 4327
*Larix sibirica* 4296
*Laurinoxylon ruei* 7002
*Laurinoxylon uniseriatum* 7002
*Lespedeza* 2880
*Leucaena leucocephala* 7814
*Leucocroton moncadae* 888
*Libocedrus chilensis* 6393
*Libocedrus tetragona* 6394
*Lonicera* 321
*Lovoa trichilioides* 316
*Lysiloma sabicu* 333
*Macrolobium acaciaefolium* 996
*Magnolia hypoleuca* 313, 1475, 7823
*Mallotus japonicus* 313
*Mangifera indica* 3682
*Mangifera sylvatica* 3682
*Matayba apetala* 333
*Melochia* 5155
*Memecylon blakeoides* 309
methodology 1166, 1474, 2580, 7409
*Millettia stuhlmannii* 330
*Mitragyna ciliata* 309
moisture 328
*Morisonia americana* 887
*Nectandra amazonum* 996
*Neochamaelea pulverulenta* 5030
*Nothofagoxylon menendezii* 7002
*Nothofagoxylon scalariforme* 7002
*Nothofagus* 323
*Ochroma pyramidale* 333
*Ocotea* 996
old and fossil wood 969, 1483, 7811
*Oxandra lanceolata* 888
Papaveraceae 326
parenchyma 309, 313, 320, 2169, 4326, 5748, 6996, 7748, 7814, 7821
*Parkia auriculata* 996
*Paulownia tomentosa* 1475
*Persea americana* 309
phylogeny 2887, 5033
*Picea abies* 1166, 1487, 2765
*Picea glauca* 3688
*Picea morrisonicola* 6399
*Picea rubens* 3686
*Pinus aristata* 5782
*Pinus banksiana* 3688
*Pinus brutia* 7826
*Pinus cembra* 4296
*Pinus densiflora* 312, 331, 435
*Pinus eldarica* 7826
*Pinus halepensis* 7826
*Pinus koraiensis* 327
*Pinus massoniana* 284, 311, 2580, 7975
*Pinus pinea* 7826
*Pinus radiata* 1466
*Pinus strobus* 3686, 3688
*Pinus sylvestris* 860, 2167, 4076, 4296, 7748
*Pinus taeda* 5035-5036
*Pithecellobium inaequale* 996
pits 323, 332, 1466, 2883, 4328, 6338, 6399, 7814, 7821
plant physiology 3678, 5432, 5729

**Wood anatomy** *cont.*
*Plumeria rubra* 309
*Podocarpus falcatus* 330
*Podocarpus nubigenus* 7812
*Podocarpus salignus* 7813
*Populus* 'Androscoggin' 3653
*Populus balsamifera* 7043
*Populus* 'Kreuzung' 3653
*Pouteria* 996
*Premna bengalensis* 3681
*Pseudolmedia spuria* 888
*Pseudotsuga menziesii* 3678
*Pseudoxandra polyphleba* 996
*Pterocarpus antunesii* 330
*Pterocymbium beccarii* 7823
*Quercus petraea* 847
*Quercus rubra* 2888
*Quercus serrata* 313
*Quercus variabilis* 7822
rays 309, 313, 320, 860, 2880, 2886-2887, 6497, 7814, 7822
resin canals 1487, 4816, 4819, 6995, 7003, 7748, 7819, 8010
reviews 2203, 2852, 7819
*Rhabdothamnus solandri* 6396
*Rhaptopetalum* 5031
*Rhizophora mangle* 888
*Rhododendron* 322
*Romneya* 326
Rosaceae 5033
*Rourea* 996
*Salix glandulosa* 7822
*Sambucus* 321
*Sclerocarya caffra* 330
*Scytopetalum* 5031
*Semecarpus anacardium* 3682
*Sorocea duckei* 996
*Spathodea campanulata* 888
*Spondias pinnata* 3682
statistical methods 2888, 3686
*Stereospermum chelonoides* 1467
*Swartzia* 996
*Swartzia madagascariensis* 330
*Swietenia macrophylla* 333
*Swietenia macrophylla* × *S. mahagoni* 333
*Swietenia mahagoni* 333
*Swintonia floribunda* 3682
*Symplocos strigillosa* 888
*Tabebuia barbata* 5026
*Tabebuia calcicola* 888
*Tabernanthe iboga* 2276
*Talauma minor* 333
*Taxodium distichum* 7821
taxonomy 5030-5031, 5034, 5155, 7002
*Tectona grandis* 1467, 3681
*Terminalia paniculata* 1467
terminologies 6666
*Tilia cordata* 4323
*Toona* 7832
trabeculae 4326, 5782
tracheids 284, 309-310, 435, 1466, 1474, 2169, 2203, 2209, 2886, 3688, 4326, 4328, 5033, 5035-5036, 5748, 5782, 6497, 6966, 6996, 7748, 7821, 7975
*Trema guineensis* 309
*Trewia nudiflora* 5788
*Trichilia havensis* 333
*Trochodendron aralioides* 313
*Tsuga canadensis* 3686
*Tsuga chinensis* 6996
tyloses 328, 847, 2169, 5748, 6338, 6398, 7821
*Ulmus* 1462
variation 284, 435, 1467, 2209, 2888, 3654, 4296, 7820, 7975
vessels 309, 328, 1463-1464, 2880, 2883, 2886, 2888, 4328, 4816, 4819, 6398, 7814, 7820, 7822
*Viburnum* 321
*Vitex cymosa* 996
*Vitex glabrata* 3681
*Vitex peduncularis* 3681
*Vitex pubescens* 3681
*Weigela* 321
xylem 2211
*Xylia xylocarpa* 1467
*Zabelia* 321
*Zelkova serrata* 313, 1475

**Wood borers**
attractants 3116
bibliographies 6
biology 3111, 3116, 5949, 6563, 7228, 8051, 8055
control 3111, 6563
damage 3111, 8055
detection 8052
distribution 1665, 6569
ecology 6569, 8051
host specificity 6566
identification 7228
laboratory rearing 6563
methodology 8052
plant physiology 6566, 8052
prevention 3111
resistance 8051-8052
taxonomy 1665
wood properties 1434-1435
**Wood chemistry** (*see also* Plant composition)
*Abies alba* 1555
*Abies balsamea* 5061
*Abies bifolia* 5061
*Abies kawakamii* 6399
*Abies lasiocarpa* 5061, 7860
*Abies pinsapo* 5060
abietic acid 6410
*Acacia* 2225
*Acacia confusa* 6415, 6966
*Acacia mangium* 5066
*Acacia melanoxylon* 1525, 1537
*Acer pseudoplatanus* 2211
*Acer saccharum* 7766
*Actinodaphne lancifolia* 2921
*Actinodaphne longifolia* 7857
*Adina cordifolia* 1528
*Agathis beccarii* 4341
*Agathis beckingii* 4341
*Agathis celebica* 4341
*Agathis vitiensis* 3708
*Agonandra brasiliensis* 2225
*Albizia falcataria* 4341
alkaloids 1497, 1518, 1522, 2920, 7013, 7871
*Alstonia boonei* 309
*Alstonia congensis* 4341
amides 7857
*Anogeissus leiocarpus* 309
anthocyanidins 1522, 1525
anthraquinones 3719
*Antiaris africana* 309
ascorbigens 7874
*Aspidosperma pyrifolium* 2225
*Azadirachta indica* 309
*Baikiaea plurijuga* 7875
benzoic acids 6410
books 4586
*Boscia salicifolia* 309
*Burkea africana* 7876
*Bursera leptophloeos* 7854
*Byrsonima sericea* 2225
caffeic acid 5792
carbohydrates 4337
*Cedrus libani* 2934
cellulose 339, 2236-2237, 3646, 4341, 6415, 6966, 7042
*Cerbera manghas* 7867
chalcones 2937
*Chamaecyparis formosensis* 6415
*Chamaecyparis obtusa* 340, 2937, 6415
*Chamaecyparis pisifera* 7874
*Chrysophyllum albidum* 309
cinnamaldehydes 3723
*Cinnamomum camphora* 6415
*Colophospermum mopane* 7875
*Combretodendron macrocarpum* 309
*Cordia platythyrsa* 309
*Coula edulis* 309
*Cryptomeria japonica* 339-340, 7042
*Cunninghamia konishii* 6399
*Cunninghamia lanceolata* 6415
*Dacryodes edulis* 309
*Dehaasia triandra* 2920
*Diospyros morrisiana* 7011
*Eremanthus erythropappus* 7834
*Eucalyptus* 2236
*Eucalyptus alba* 4341
*Eucalyptus deglupta* 4341
*Eugenia* 2225

**Wood chemistry** *cont.*
extractives 1553, 1555, 2236-2237, 3646, 4337, 4341, 5066, 7042, 7590
fatty acids 4337
flavanols 7875-7876
flavonoids 1501
*Acacia* 1537
*Adina* 1528
*Bursera* 7854
*Prunus* 7837
*Pterocarpus* 1534
*Flindersia australis* 7864
friedelanes 1522
galactans 343
glucomannans 341
*Gluta wallichii* 4341
glycosides 3688
*Adina* 1528
*Prunus* 7010, 7837
*Pterocarpus* 7858
*Goniothalamus fulvus* 7013
*Goniothalamus scortechinii* 7013
*Goniothalamus tapis* 7013
growth factors 3646, 4281, 4568, 6357, 6966, 7766
*Guatteria dielsiana* 1518
*Guibourtia coleosperma* 7875
*Haploclathra leiantha* 5058
*Haploclathra paniculata* 1507, 5058
*Holarrhena floribunda* 309
*Hymenaea courbaril* 2225, 4341
inorganic compounds 264, 4568, 7766
*Iryanthera grandis* 1501
*Jacaranda acutifolia* 309
*Juniperus* 1553
*Juniperus scopulorum* 1553
juvabiones 5061
kaempferol 7837
*Khaya grandifoliola* 309, 4341
*Khaya senegalensis* 4341
lactones 2921, 7013, 7834
*Larix gmelinii* 343
*Larix laricina* 3688
*Larrea tridentata* 7036
lasiocarpenonol 7860
*Leucaena* 6415
*Libocedrus formosana* 1538
*Licaria chrysophylla* 1502
lignans 1502-1503, 1519, 2925, 7036, 7867
lignin 309, 339, 2236-2237, 2239, 3739, 4341, 6966, 7042
lipids 4337
*Lucuma grandiflora* 2225
major elements 4028
mannitol 5066
*Maytenus guianensis* 1522
*Memecylon blakeoides* 309
*Metasequoia glyptostroboides* 341
methodology 340, 2239, 4028
*Michelia* 6415
*Mitragyna ciliata* 309
*Ochroma grandifolia* 4341
*Ocotea aciphylla* 1519
*Ocotea caesia* 7871
*Ocotea costulatum* 2925
*Ocotea cymbarum* 2936
*Ocotea porosa* 1503
oils 349
*Paulownia tomentosa* 5792
*Peltophorum africanum* 7876
*Pentadesma butyracea* 4341
pentosans 339, 2236-2237, 3646, 4341, 6415
*Persea americana* 309
phenolic compounds 1534, 7010, 7857
phenols 4337
phenylpropanoids 7864
phytosterols 1501, 1522, 7837
*Picea glauca* 3688
*Picea morrisonicola* 6399
pigments 7858
*Pinus* 4281
*Pinus banksiana* 3688
*Pinus contorta* 6410
*Pinus edulis* 3736
*Pinus kesiya* 4341
*Pinus merkusii* 4341
*Pinus strobus* 3688, 7766
*Pinus sylvestris* 4337, 4568, 6357

**Wood chemistry** *cont.*
*Pinus taiwanensis* 6415, 6966
*Piptadenia meniliformis* 2225
*Piptadenia peregrina* 4341
*Plumeria rubra* 309
polyphenols 339
polysaccharides 1555
*Populus balsamifera* 7043
*Populus tremuloides* 3739
*Prosopis juliflora* 3646
*Prunus grayana* 7010
*Prunus persica* 7837
*Pterocarpus marsupium* 1534, 7858
*Pterocarpus soyauxii* 1534
*Pterygota alata* 4341
quercetin 7837
*Quercus crispula* 338
*Quercus dentata* 338
*Quercus lineata* 4341
*Quercus robur* 338
*Quercus serrata* 338
*Quercus turbinata* 4341
quinones 1560
resin acids 4337
resinols 339
resins 6966
*Samanea saman* 4341
*Sandoricum koetjape* 4341
sesquiterpenoids 1522, 5060-5061, 7860
*Shorea leprosula* 4341
*Shorea platyclados* 4341
*Shorea selanica* 4341
*Siparuna* 1497
*Sorbus aucuparia* 3723
*Spathodea campanulata* 4341
starch 309, 313
stilbenes 4337
sugars 5066
*Swietenia candollei* 4341
*Swietenia macrophylla* 4341
*Tectona grandis* 3719
terpenoids
*Agathis* (Araucariaceae) 3708
*Cedrus* 2934
*Cryptomeria* 339
*Diospyros* 7011
*Guatteria* 1518
*Libocedrus* 1538
*Ocotea* 2936
*Picea* 7219
*Pinus* 3736
*Trema guineensis* 309
tritium 4281
*Tsuga chinensis* 6415
variation 6415, 7042
*Vitex gardneriana* 2225
xanthones 5058
*Zanthoxylum rhoifolium* 2225
*Zelkova* 6415
**Wood defects**
detection 3279
growth stress 857-858
spiral grain 6363, 7006
splits 1396
**Wood density**
*Acacia* 2225
*Acacia reficiens* 7609
*Acacia tortilis* 7609
*Acacia zanzibarica* 7609
*Agonandra brasiliensis* 2225
anatomy 1166
*Aspidosperma pyrifolium* 2225
*Byrsonima sericea* 2225
*Chamaecyparis obtusa* 257
*Cordia gharaf* 7609
*Cryptomeria japonica* 257
*Eucalyptus* 2853
*Eucalyptus grandis* 288
*Eucalyptus urophylla* 856
*Eugenia* 2225
*Fagus sylvatica* 5748
growth factors 288, 855-856, 2166, 2851-2853, 3646, 3653-3654, 4982
*Hymenaea courbaril* 2225
juvenile wood 4205
*Liquidambar styraciflua* 4982
*Lucuma grandiflora* 2225
methodology 1166
moisture 257
*Picea abies* 1166, 2166
*Pinus brutia* 7826
**Wood density** *cont.*
*Pinus contorta* 5012
*Pinus eldarica* 7826
*Pinus halepensis* 7826
*Pinus pinea* 7826
*Pinus sylvestris* 2167
*Piptadenia meniliformis* 2225
*Populus* 'Androscoggin' 3653
*Populus* 'Kreuzung' 3653
*Prosopis juliflora* 3646
*Pseudotsuga menziesii* 3026
*Salix amygdaloides* 4693
*Salix eriocephala* 4693
*Salix exigua* 4693
*Salix lucida* 4693
sampling 2851
simulation 5245
variation 6364
*Acacia* 7609
*Eucalyptus* 287-288, 750, 3654, 5245
*Fagus* 2851
*Picea* 855
*Pinus* 4205, 5012
*Populus* 7043
*Robinia* 5749-5750
*Salix* 4693
*Vitex gardneriana* 2225
*Zanthoxylum rhoifolium* 2225
**Wood moisture**
*Abies alba* 1437
anatomy 328
density 257
*Picea abies* 1437
variation 1437, 4693
**Wood properties**
*Abies alba* 289
*Acacia melanoxylon* 2168
age 860, 2168
anatomy 5749-5750
books 4586
calorific value 2225, 2940
*Cryptomeria japonica* 1436
environment 2168
*Eperua falcata* 7807
*Eperua grandiflora* 7807
*Eperua rubiginosa* 7807
*Eucalyptus* 2168
*Eucalyptus urophylla* 7776
*Fagus sylvatica* 3650-3651, 4294
growth factors 281, 286, 289, 1436, 2167, 2765, 2852, 2854, 3646-3647, 3649-3652, 4295, 4297, 4980, 4983, 6362, 7776
juvenile wood 282
*Larix decidua* 3652
*Larix leptolepis* 5617
*Leucaena leucocephala* 7776
*Liquidambar styraciflua* 4982
*Picea abies* 289, 1434-1435, 2765, 4295
*Picea sitchensis* 4983
*Pinus nigra* 6362
*Pinus sylvestris* 860, 3649, 4076
*Pinus taeda* 2165
*Populus* 'Androscoggin' 3647, 3653
*Populus* 'Kreuzung' 3653
*Populus* 'Muhle-Larsen' 3647
*Populus* 'Oxford' 3647
*Populus* 'Scott Pauley' 3647
*Prosopis juliflora* 3646
*Pseudotsuga menziesii* 281, 4297, 4299
*Quercus petraea* 4980
*Quercus robur* 4980
reviews 2852
*Robinia pseudoacacia* 5749-5751, 5862
*Salix alba* 7118
*Salix alba* × *S. fragilis* 7118
*Tectona grandis* 286
uses 4299
variation 2165, 2168, 4076, 4295, 5749-5751, 5862
wood defects 1434-1435
**Wood smoke** 6961
**Wood strength**
elasticity 1434
*Picea abies* 1434
***Woodfordia fruticosa***
multipurpose trees 4723
shoot cuttings 4723
**Woody plants** 4088, 4371, 4580, 4592, 5378, 6639, 7400, 7733
**Work study**
afforestation 2673
computer techniques 1171
forestry 1196
logging 3539
methodology 6122
pruning 7584
statistical methods 6122
tractors 7586
**Working plans** 1362, 1372
**Wounds** 320, 444, 852, 1487, 1561, 1574, 2163, 2343, 3049, 3161, 3645, 4256, 4323, 4977, 4979, 5040-5041, 5429, 5909, 6360, 6645, 8176
(*see also* Cankers, wounds; Decay, wounds; Pruning, wounds; Root and butt rots, wounds)
**WT planter** 6213, 6257-6259
***Xanthogaleruca luteola*** (*see Pyrrhalta luteola*)
***Xanthomonas campestris*** 5901
***Xanthomonas populi*** 2613, 7148, 7983
***Xanthophyllum,*** vegetation types 2483
***Xenoxylon***
palaeobotany 968
palaeoecology 968
***Xenoxylon latiporosum***
palaeobotany 968
palaeoecology 968
***Xiphinema*** 8072
***Xyleborus affinis*** 4483
***Xyleborus barbatus*** 3111
***Xyleborus dispar*** 7224
***Xyleborus metacuneolus*** 5912
***Xyleborus perforans*** 3111
***Xyleborus volvulus*** 4483
***Xylia dolabriformis***
natural regeneration 168
stand characteristics 168
synecology 168
***Xylia xylocarpa***
bark 1460
medicinal plants 1460
plant composition 1460
wood anatomy 1467
***Xylocarpus***
protection forests 3953
shelterbelts 3953
***Xylocarpus granatum***
natural regeneration 112, 2306
volume tables 178
***Xylocarpus moluccensis,*** synecology 3807
***Xylocopa*** 3767
***Xylocopa fenestrata*** 2969
***Xylocopa pubescens*** 2969
***Xylopia sericea***
knots 3674
stem form 3674
***Xyloterus lineatus*** (*see Trypodendron lineatum*)
***Xylotopus par*** 4925
**Yamabiko pruner** 48, 157
**Yeasts** 7124-7125
**Yemen Arab Republic**
agroforestry 4669
*Atriplex* 1207
choice of species 1207
erosion control 1207
forestry 4668-4669
grazing 1207
rangelands 1207
research 4668-4669
shelterbelts 1207
species trials 1207, 4669
*Tamarix* 5176
**Yemen Democratic Republic,** *Tamarix* 5176
**Yield forecasting** 4215, 5602
*Abies* 202, 2743
*Alnus* 544
*Betula* 544, 2064
conferences 4024
conifers 5487
*Cordia* 7336
*Eucalyptus* 740
*Fagus* 1840
*Larix* 146, 581
*Picea* 202, 1840, 2064, 4211, 6285, 6312

**Yield forecasting** *cont.*
*Pinus* 753, 755, 1358, 1840, 4211, 5668, 5670, 6097, 6815, 6870, 7635
*Populus* 544, 749
*Pseudotsuga* 1840, 3534
*Quercus* 1840
reviews 6868
*Salix* 544
simulation 20, 146, 202, 544, 749, 753, 755, 757, 1358, 2064, 2746-2748, 4024, 5487, 5668-5670, 6097, 6285, 6866, 7336
statistical methods 2065
theory 4211
**Yield regulation** 1844, 2066, 2747
*Betula* 4214
*Chamaecyparis* 7639
computer techniques 5664
*Picea* 4213
*Pinus* 7413, 7650
*Pseudotsuga* 3493, 3534, 5606, 5667
simulation 5606, 7413
*Tsuga* 3535
**Yield tables**
*Abies alba* 4795
*Abies grandis* 6871
*Acacia auriculiformis* 2745
*Acer saccharum* 6867
*Carya* 4210
*Chamaecyparis obtusa* 197
computer techniques 7619
*Cryptomeria japonica* 197
*Eucalyptus globulus* 4874
*Fagus sylvatica* 756, 3536, 4795
*Fraxinus excelsior* 5663
*Larix occidentalis* 6871
methodology 2062
*Phyllostachys heteroclada* 754
*Picea abies* 2063, 4795
*Picea glauca* 6869
*Pinus* 7619
*Pinus halepensis* 4212
*Pinus koraiensis* 191
*Pinus radiata* 1329
*Pinus taeda* 1355, 1357, 6870
*Populus* 'I-214' 1356
*Pseudotsuga menziesii* 6871
*Quercus* 4795
*Quercus acutissima* 191
*Quercus alba* 4210
*Quercus macrocarpa* 4210
*Quercus mongolica* 2744
*Quercus robur* 5666
*Quercus rubra* 4210
*Robinia pseudoacacia* 5665
simulation 198
***Yponomeuta evonymellus*** 8035
***Yucca filamentosa,*** frost resistance 4252
**Yugoslavia**
acid rain 4953-4954
afforestation 440-441
air pollution 2146, 4952-4954
*Alnus glutinosa* 4684
*Crataegus heldreichii* 7931
*Cryptorhynchus lapathi* 3848
deer 5340
dieback 4954
economics 4889, 6904
*Fagus sylvatica* 3003, 5318, 6862
farm woodlands 7327
forest management 4653, 6878
forest ownership 7327
forest recreation 4653
forestry 4653, 7432
grazing 7327
history 7327
hybrids 439
*Juglans regia* 4178
*Larix decidua* 3003
*Picea abies* 3003, 4685, 4799
*Pinus mugo* 3003
plant succession 3003
*Populus* 3592-3593
*Populus balsamifera* 3848
*Populus canadensis* 3848
*Populus deltoides* 3847-3848
prices 6904
provenance 4684-4685
*Pseudaulacaspis pentagona* 3081
*Quercus* 4889
**Yugoslavia** *cont.*
remote sensing 4881
*Rhynchaenus fagi* 5318
roads 4976, 6879
*Salix* 3592
*Salix alba* 3847
silvicultural systems 109
silviculture 4653
soil pollution 4953
soil types 3592-3593
subsidies 6904
synecology 4653
taxes 4653
tracks 4976
treelines 3003
vegetation types 982, 3593
***Yushania canoviridis,*** taxonomy 7070
***Yushania lanshanensis*** *(see Arundinaria lanshanensis)*
***Yushania megalothyrsa,*** taxonomy 2980
***Zabelia,*** wood anatomy 321
**Zaire**
*Acacia auriculiformis* 2745
*Alstonia congensis* 5047
forestry 3308
forestry development 3308
fuelwood 2745
land use 4549
medicinal plants 5047
shifting cultivation 4549
yield tables 2745
**Zambia**
*Acacia albida* 7337
*Adansonia digitata* 395
agroforestry 5396, 7337
charcoal 3963
clear felling 1968
controlled burning 2184
deforestation 3963
fuelwood 3963
international cooperation 1784
land use 7337
*Marquesia macroura* 2184
multipurpose trees 8164
natural regeneration 1968
shifting cultivation 1764
social forestry 1784, 8164
soil conservation 7337
vegetation types 1968
***Zamia***
foliage 2220
taxonomy 2220
***Zamites***
palaeobotany 968
palaeoecology 968
***Zanthoxylum alatum,*** essential oils 5791
***Zanthoxylum americanum***
stand characteristics 5368
wildlife 5368
***Zanthoxylum budrunga***
alkaloids 7847
fruit 7847
medicinal plants 7847
seeds 7847
***Zanthoxylum microcarpum,*** chromones 3697
***Zanthoxylum rhoifolium***
calorific value 2225
wood chemistry 2225
wood density 2225
***Zanthoxylum rubescens***
amides 2898
bark 2898
roots 2898
***Zanthoxylum valens,*** chromones 3697
***Zapoteca formosa,*** plant physiology 1575
***Zeiraphera canadensis*** 3901, 5941, 6553, 7197, 8042
***Zeiraphera diniana*** 5316, 5936, 5941
***Zeiraphera ratzeburgiana*** 5941
***Zeiraphera rufimitrana*** 5941
***Zeiraphera unfortunana*** 2423, 8042
***Zelkova***
fibres 6415
wood chemistry 6415
***Zelkova abelicea***
plant anatomy 6983
plant morphology 6983
***Zelkova carpinifolia***
plant anatomy 6983
plant morphology 6983
***Zelkova formosana***
agroforestry 2542
allelopathy 2542
***Zelkova serrata***
bonsai 2562
fibres 1475
foliage 2562
plant anatomy 6983
plant morphology 6983
wood anatomy 313
***Zelkova sinica***
plant anatomy 6983
plant morphology 6983
***Zelkova verschaffeltii***
plant anatomy 6983
plant morphology 6983
**Zimbabwe**
*Acacia albida* 2805
agroforestry 1157, 1740, 1759
*Brachystegia boehmii* 3012
*Brachystegia spiciformis* 3012
choice of species 7421
climate 7421
farm forestry 226
forest fires 3012
forest litter 2805
Isoptera 8077
*Julbernardia globiflora* 3012
mapping 7421
multipurpose trees 7421
mycoplasmal diseases 3055
provenance 5532
root and butt rots 2388
social forestry 8162, 8165
***Ziziphus,*** tissue culture 7510
***Ziziphus jujuba,*** edible species 7600
***Ziziphus mauritiana***
agroforestry 3210
arid regions 5515
choice of species 5515
foliage 2260
irrigation 1265
nurseries 1265
optical properties 2260
salt tolerance 1265
species trials 3210
***Ziziphus mucronata***
flowering 6438
phenology 6438
reproductive behaviour 6438
***Ziziphus nummularia***
bark 896, 905, 907
browse 5983
medicinal plants 896, 905, 907
plant composition 896, 905, 907, 5983
***Ziziphus rotundifolia***
afforestation 8109
dunes 8109
erosion control 8109
reclamation 8109
***Ziziphus rugosa***
alkaloids 7017
bark 906, 7017
medicinal plants 906, 7017
peptides 7017
plant composition 906
***Ziziphus sativa***
agroforestry 4546
bark 901
medicinal plants 901
plant composition 901
tissue culture 641
witches' brooms 7170
***Zootermopsis angusticollis*** 7033
***Zosterops japonicus*** 5354
***Zuelania guidonia,*** increment 7621
***Zygia jiringa,*** synecology 1598
***Zygophyllum xanthoxylum,*** plant water relations 5723

# LIST OF SERIALS ABSTRACTED

Listed below are the titles of the serial publications (excluding most annual reports and conference proceedings) abstracted during 1990 for this journal. All the titles are given in full, except abbreviated titles taken from secondary publications such as *Referativnyi Zhurnal*.
Many other serials were scanned during 1990 but no relevant articles were selected. A full list of all the serials scanned for items suitable for abstracting for the CAB ABSTRACTS database and the whole range of CABI's abstract journals is given in the *CAB International Serials Checklist, 1988 edition*. The publication includes ISSNs and publishers' addresses.

Abstracts of Papers - American Chemical Society National Meetings
ACIAR Proceedings Series
Acta Academiae Agriculturae ac Technicae Olstenensis, Geodaesia et Ruris Regulatio
Acta Agraria et Silvestria, Silvestris
Acta Agriculturae Universitatis Jilinensis
Acta Agronomica Hungarica
Acta Agronómica, Universidad Nacional de Colombia
Acta Botanica Hungarica
Acta Botanica Indica
Acta Botanica Neerlandica
Acta Botanica Sinica
Acta Dendrobiologica
Acta Ecologica Sinica
Acta Entomologica Bohemoslovaca
Acta Entomologica Sinica
Acta Facultatis Forestalis Zvolen
Acta Facultatis Ligniensis
Acta Facultatis Rerum Naturalium Universitatis Comenianae, Genetica
Acta Forestalia Fennica
Acta Horticulturae
Acta Microbiologica Polonica
Acta Microbiologica Sinica
Acta Oecologica
Acta Oecologica, Oecologia Applicata
Acta Oecologica, Oecologia Generalis
Acta Oecologica, Oecologia Plantarum
Acta Pharmaceutica Sinica
Acta Phytopathologica et Entomologica Hungarica
Acta Phytophysiologica Sinica
Acta Phytotaxonomica Sinica
Acta Scientiarum Naturalium Universitatis Sunyatseni
Acta Sericologica Sinica
Acta Societatis Botanicorum Poloniae
Acta Universitatis Upsaliensis, Symbolae Botanicae Upsalienses
Actes de l'Institut Agronomique et Vétérinaire Hassan II
ADAB News
Advances in Ecological Research
Advances in Economic Botany
Advances in Research and Technology of Seeds
African Journal of Ecology
AgBiotech News and Information
Agrárvilág
Agricoltura Mediterranea
Agricultural and Forest Meteorology
Agricultural Meteorology (Beijing)
Agricultural Progress
Agricultural Situation in India
Agricultural Systems
Agricultural University Wageningen Papers
Agriculture Handbook (Washington)
Agriculture, Ecosystems & Environment
Agrochimica
Agroforestería
Agroforestry Abstracts
Agroforestry Systems
Agrokhimiya
Agronomía Costarricense
Agronomia Sulriograndense
Agronomie
AID Evaluation Special Study
Akon'ny Ala
Alafua Agricultural Bulletin
Alexandria Journal of Agricultural Research
Aliso
Állami Gazdaság
Allgemeine Forst- und Jagdzeitung
Allgemeine Forstzeitschrift
Ambio
American Journal of Botany
American Midland Naturalist
American Naturalist
American Nurseryman
American Scientist
Anais da Escola de Agronomia e Veterinária, Universidade Federal de Goiás
Anais da Escola Superior de Agricultura 'Luiz de Queiroz'
Anais da Sociedade Entomológica do Brasil
Anales de Biología
Anales de Edafología y Agrobiología
Anali za Šumarstvo
Angewandte Botanik
Animal Feed Science and Technology
Annales - Musée Royal de l'Afrique Centrale, Belgium, 8 (Sciences Economiques)
Annales Botanici Fennici
Annales de Gembloux
Annales de l'Institut National Agronomique El-Harrach, Algeria
Annales de l'Institut Phytopathologique Benaki
Annales des Sciences Forestières
Annales Entomologici Fennici
Annales Société Royale Zoologique de Belgique
Annales Zoologici Fennici
Annali - Accademia Italiana di Scienze Forestali
Annali dell'Istituto Sperimentale per l'Assestamento Forestale e per l'Alpicoltura
Annali dell'Istituto Sperimentale per la Cerealicoltura
Annali dell'Istituto Sperimentale per la Selvicoltura
Annali della Facoltà di Agraria, Università degli Studi di Perugia
Annali della Facoltà di Scienze Agrarie della Università degli Studi di Torino
Annali di Microbiologia ed Enzimologia
Annals of Agricultural Research
Annals of Agricultural Science (Cairo)
Annals of Applied Biology
Annals of Arid Zone
Annals of Biology (Ludhiana)
Annals of Botany
Annals of the Missouri Botanical Garden
Annals of the National Association of Geographers, India
Annals of the New York Academy of Sciences
Annals of Warsaw Agricultural University SGGW-AR, Forestry and Wood Technology
Annual Journal - Royal New Zealand Institute of Horticulture
Annual Review of Ecology and Systematics
Annual Review of Entomology
Annual Review of Plant Physiology and Plant Molecular Biology
Anzeiger für Schädlingskunde, Pflanzenschutz, Umweltschutz
Applied Entomology and Zoology
Applied Plant Science
Appropriate Technology
Aquatic Botany
Aquilo. Ser. Botanica
Arab Gulf Journal of Scientific Research
Arbetsrapport - Institutionen för Skogsekonomi, Sveriges Lantbruksuniversitet
Arbetsrapport - U-Landsavdelningen, Sveriges Lantbruksuniversitet
Arboretum Kórnickie
Arboricultural Journal
Arboriculture Research Note - Department of the Environment, UK
Archiv für Acker- und Pflanzenbau und Bodenkunde
Archiv für Naturschutz und Landschaftsforschung
Arctic and Alpine Research
Arid Soil Research and Rehabilitation
Arkansas Farm Research
Arquivos de Biologia e Tecnologia
Arquivos do Jardim Botânico do Rio de Janeiro
Aspects of Applied Biology
Atmospheric Environment
Atmospheric Environment. Part A, General Topics
Atti dell'Istituto di Ecologia e Selvicoltura, Università degli Studi, Padova
Aus dem Walde
Australasian Plant Pathology
Australian Forest Research

Australian Forestry
Australian Journal of Biotechnology
Australian Journal of Botany
Australian Journal of Chemistry
Australian Journal of Ecology
Australian Journal of Experimental Agriculture
Australian Journal of Marine and Freshwater Research
Australian Journal of Plant Physiology
Australian Journal of Soil Research
Australian Rangeland Journal
Australian Systematic Botany
Australian Wildlife Research
Austrobaileya
Bangkok Bank Monthly Review
Banko Janakari
Bano Biggyan Patrika
Behaviour
Beiträge - Akademie für Raumforschung und Landesplanung, Hannover
Beiträge für die Forstwirtschaft
Beiträge zur Biologie der Pflanzen
Berichte - Eidgenössische Anstalt für das Forstliche Versuchswesen
Biblioteczka Wiadomości IMUZ
Biochemical Journal
Biochemical Systematics and Ecology
Biochemie und Physiologie der Pflanzen
Biocontrol News and Information
Biogeochemistry
Biológia (Bratislava)
Biologia Plantarum
Biological Conservation
Biological Journal of the Linnean Society
Biological Wastes
Biologicheskie Nauki
Biologicheskiĭ Zhurnal Armenii
Biologija
Biology and Fertility of Soils
Biology of the Cell
Biomass (London)
Biometrical Journal
BioScience
BIOTROPIA
Biotropica
Bois et Forêts des Tropiques
Boissiera
Boletim de Pesquisa Florestal
Boletim Técnico - Comissão Executiva do Plano da Lavoura Cacaueira
Boletim Técnico do Instituto Florestal (São Paulo)
Boletín de la Sociedad Botánica de México
Boletín de Sanidad Vegetal, Plagas
Bollettino del Laboratorio di Entomologia Agraria "Filippo Silvestri"
Bollettino dell'Istituto di Entomologia 'Guido Grandi' della Università degli Studi di Bologna
BOS Document
BOS Nieuwsletter
Bosque
Botanical Bulletin of Academia Sinica
Botanical Gazette (Chicago)
Botanical Journal of the Linnean Society
Botanical Review
Botanicheskie Issledovaniya
Botanicheskiĭ Zhurnal
Botanikai Közlemények
Bothalia
Brasil Florestal
Brenesia
British Journal of Industrial Medicine
Brittonia
Buletin Penelitian Hortikultura
Buletin Penelitian Hutan, Pusat Penelitian dan Pengembangan Hutan
Buletin Penelitian Kehutanan
Buletinul Informativ al Academiei de Ştiinţe Agricole şi Silvice
Bulletin - Agricultural Experiment Station, Oklahoma State University
Bulletin - Arkansas Agricultural Experiment Station
Bulletin - Department of Conservation, Forests and Lands, Victoria
Bulletin - Forest Economics Series, Forest Research Institute (Chittagong)
Bulletin - Forest Pathology Series, Forest Research Institute (Chittagong)
Bulletin - Forest, Wildlife and Range Experiment Station, University of Idaho
Bulletin - Plant Taxonomy Series, Forest Research Institute (Chittagong)
Bulletin - Wood Anatomy Series, Forest Research Institute (Chittagong)
Bulletin d'Ecologie
Bulletin de la Société Botanique de France, Lettres Botaniques
Bulletin de la Société Royale Forestière de Belgique
Bulletin des G.T.V.
Bulletin des Recherches Agronomiques de Gembloux
Bulletin du Muséum National d'Histoire Naturelle. Section B, Adansonia
Bulletin OEPP
Bulletin of Entomological Research
Bulletin of Entomology (New Delhi)
Bulletin of Environmental Contamination and Toxicology
Bulletin of the Botanical Survey of India
Bulletin of the Faculty of Agriculture, Miyazaki University
Bulletin of the Faculty of Agriculture, Tottori University
Bulletin of the Forest Tree Breeding Institute
Bulletin of the Forestry and Forest Products Research Institute, Japan
Bulletin of the Kyoto University Forests
Bulletin of the Kyushu University Forests
Bulletin of the Nagoya University Forests
Bulletin of the Niigata University Forests
Bulletin of the Oji Institute for Forest Tree Improvement
Bulletin of the Shinshu University Forests
Bulletin of the Shizuoka University Forests
Bulletin of the Taiwan Forestry Research Institute
Bulletin of the Tokyo University Forests
Bulletin of the Torrey Botanical Club
Bulletin of the University of Agricultural Sciences, Gödöllő
Bulletin of the Utsunomiya University Forests
Bulletin Technique - Office National des Forêts
Bulletin Trimestriel, Centre de Populiculture du Hainaut
Byulleten' Glavnogo Botanicheskogo Sada
Cahier des Journées Horticoles Ornementales
Cahier FAO Conservation
Cahiers ORSTOM, Série Pédologie
California Agriculture
California Forestry Note
CAMCORE Bulletin on Tropical Forestry
Canadian Entomologist
Canadian Field-Naturalist
Canadian Journal of Agricultural Economics
Canadian Journal of Botany
Canadian Journal of Chemistry
Canadian Journal of Forest Research
Canadian Journal of Microbiology
Canadian Journal of Plant Science
Canadian Journal of Soil Science
Canadian Journal of Zoology
Canadian Plant Disease Survey
Cancer
Canopy International
Caryologia
Časopis Slezského Muzea. Série A, Vědy Přírodní
Castanea
Catena
Catena Supplement
Ceiba
Centralblatt für das Gesamte Forstwesen
Cereal Research Communications
Československá Státní Norma
CFRU Information Report - College of Forest Resources, University of Maine
CFRU Progress Report - College of Forest Resources, University of Maine
CFRU Research Note - College of Forest Resources, University of Maine
CFS-M Workshop Proceedings, Canadian Forestry Service - Maritimes
Chemical and Pharmaceutical Bulletin
Chemistry Letters
Chemosphere
Chile Forestal
Chinese Journal of Biological Control
Chinese Standard
Chromatographia
Ciencia del Suelo
Ciência e Cultura (São Paulo)
Científica (Jaboticabal)
Circular - Instituto Agronômico do Paraná
Cladistics
COJFRC Symposium Proceedings
Coleopterists' Bulletin
Colloques de l'INRA
Combined Proceedings - International Plant Propagators' Society
Commission on Ecology Papers
Commonwealth Forestry Review
Communicationes Instituti Forestalis Čechosloveniae
Communicationes Instituti Forestalis Fenniae
Comptes Rendus de l'Académie des Sciences. Series 3, Sciences de la Vie
CONIF Informa
Contributions from the University of Michigan Herbarium
Cornell Veterinarian
Country Report Series - FAO Representative's Office in Somalia

CRC Critical Reviews in Plant Sciences
CRDP Technical Report
Crop Protection
Cuban Journal of Agricultural Science
Cultural Survival Report
Current Agriculture
Current Research - University of Agricultural Sciences (Bangalore)
Current Science
Darwiniana
Deltio Ereunōn, Idruma Dasikōn Ereunōn Thessalonikēs
Dendrochronologia
Dendronatura
Deutsche Baumschule
Development Policy Review
Discovery and Innovation
Dissertation Abstracts International. A, Humanities and Social Sciences
Dissertation Abstracts International. B, Sciences and Engineering
Dissertationen der Universität für Bodenkultur in Wien
Distributiones Plantarum Africanarum
Divisional Note - AFRC Institute of Engineering Research, UK
DNR Report, Washington State Department of Natural Resources
Doğa, Türk Tarım ve Ormancılık Dergisi
Doklady Akademii Nauk BSSR
Doklady Akademii Nauk SSSR
Doklady Vsesoyuznoĭ Ordena Lenina i Ordena Trudovogo Krasnogo Znameni Akademii Sel'skokhozyaĭstvennykh Nauk imeni V.I. Lenina
Doklady, Biological Sciences
Down to Earth
Drevársky Výskum
Duta Rimba
East Midland Geographer
Ecological Entomology
Ecological Land Classification Series
Ecological Modelling
Ecological Monographs
Ecological Research
Ecological Review
Ecological Studies
Ecologist
Ecology of Food and Nutrition
Ecology, USA
Economia Montana — Linea Ecologica
Economic Botany
Economic Geography
Ekológia, ČSSR
Embryon
Energy Conservation and Management
Entomologia Experimentalis et Applicata
Entomologicheskoe Obozrenie
Entomologische Berichten
Entomologiske Meddelelser
Entomologist's Gazette
Entomologist's Monthly Magazine
Entomology Circular (Gainesville)
Entomon
Entomophaga
Entwicklung + Ländlicher Raum
Environment and Ecology
Environmental and Experimental Botany
Environmental Conservation
Environmental Entomology
Environmental Management
Environmental Pollution
Environmental Toxicology and Chemistry
Epistēmonikē Epetērida tou Tmēmatos Dasologias kai Fusikou Periballontos, Aristoteleio Panepistēmio Thessalonikēs
Erdészeti Kutatások
Erdő
Estudios Turísticos
Euphytica
European Journal of Forest Pathology
Evergreen (Trichur)
Evolution
Evolutionary Trends in Plants
Experientia
Experientiae
Experimental Agriculture
Experimental and Applied Acarology
Extension Bulletin - ASPAC Food and Fertilizer Technology Center for the Asian and Pacific Region, Taiwan
Extension Bulletin - Cooperative Extension, College of Agriculture and Home Economics, Washington State University
FAO Animal Production and Health Paper
FAO Conservation Guide
FAO Forestry Paper
FAO Plant Production and Protection Paper
FAO Plant Protection Bulletin
Farming Systems and Resource Economics in the Tropics
Farming Systems Research Paper Series
FBVA Berichte
FCAP Informe Técnico
Feddes Repertorium
FEMS Microbiology Ecology
Fertiliser News
Fiche Technique - Centre de Formation Professionelle de Morondava
Fieldiana, Botany
Fire International
Fitoterapia
Fiziologiya Rasteniĭ
Flavour and Fragrance Journal
Flora (Jena)
Flora Malesiana Bulletin
Focus on Nature Conservation
Folia Entomologica Hungarica
Folia Entomológica Mexicana
Folia Forestalia
Folk Life
FONC Project Communication - Forestry/Nature Conservation Project, Fakultas Kehutanan Universitatas Gadjah Mada
Förderungsdienst
Forest Ecology and Management
Forest Genetic Resources Information
Forest Management Note, Northern Forestry Centre, Canada
Forest Products Journal
Forest Protection Series, Forestry Commission of New South Wales
Forest Research
Forest Research Note - Forestry Division, Solomon Islands
Forest Research Note - Ministry of Natural Resources, Ontario
Forest Research Report (Vanuatu)
Forest Research Report - Forest Department, Sarawak
Forest Research Report - Forest Entomology Unit, Forest Department, Sarawak
Forest Research Series - Department of Forestry, Clemson University
Forest Science
Forest Science and Technology
Forest Tree Improvement, Arboretet Hørsholm, Denmark
Forestry & British Timber
Forestry (Oxford)
Forestry Bulletin - Department of Forestry, Clemson University
Forestry Chronicle
Forestry Commission Bulletin
Forestry Commission Field Book
Forestry Note - Forest Division, Solomon Islands
Forestry Project Profile - Food and Agriculture Organization of the United Nations
Forestry Report - Southern Region, USDA Forest Service
Forestry Research Notes - Department of Forestry, University of Wisconsin
Forestry Research Publication - Agricultural Research Authority, Yemen Arab Republic
Forestry Technical Papers - State Forests and Lands Service, Victoria
Forschungsberichte des Landes Nordrhein-Westfalen
Forst und Holz
Forst- und Holzwirt
Forstarchiv
Forstliche Forschungsberichte München
Forstlige Forsøgsvæsen i Danmark
Forsttechnische Informationen
Forstwissenschaftliches Centralblatt
FPEI Working Paper Series
FPRDI Journal
Fragmenta Floristica et Geobotanica
Fragmenta Herbologica Jugoslavica
FRDA Handbook (Victoria, B.C.)
FRDA Report (Victoria, B.C.)
Fresenius' Zeitschrift für Analytische Chemie
FRI Bulletin
FRIC Occasional Paper
FRIM Occasional Paper
FRIM Technical Information
Fruits (Paris)
Functional Ecology
Garden History
Gartenamt
Gartneryrket
Gaussenia
Gazdálkodás
General Technical Report - Intermountain Research Station, USDA Forest Service
General Technical Report - North Central Forest Experiment Station, USDA Forest Service
General Technical Report - Northeastern Forest Experiment Station, USDA Forest Service
General Technical Report - Pacific Northwest Research Station, USDA Forest Service
General Technical Report - Pacific Southwest Forest and Range Experiment Station, USDA Forest Service

General Technical Report - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
General Technical Report - Southeastern Forest Experiment Station, USDA Forest Service
General Technical Report - Southern Forest Experiment Station, USDA Forest Service
General Technical Report - USDA Forest Service
General Technical Report - USDA Forest Service, Washington, DC
Genetica
Genetics
Genetika (Beograd)
Genio Rurale
Geobios (Jodhpur)
Geografiska Annaler. Series A, Physical Geography
Georgia Forest Research Paper
Georgofili
GFG-Report - German Forestry Group, Mulawarman University
Giessener Beiträge zur Entwicklungsforschung. Reihe 1, Symposien
Godishnik na Sofiiskiya Universitet 'Kliment Okhridski', Biologicheski Fakultet, 2 (Botanika)
Gorskostopanska Nauka
Göttinger Beiträge zur Land- und Forstwirtschaft in den Tropen und Subtropen
Grana
Great Basin Naturalist
Great Lakes Entomologist
Gujarat Agricultural University Research Journal
Handbook - Forestry Commission
Hardwood Research Cooperative Series, School of Forest Resources, North Carolina State University
Harvest
Hassadeh
Health Physics
Herba Hungarica
Hercynia
Hereditas (Beijing)
Hereditas (Landskrona)
Heredity
Hilgardia
Himachal Journal of Agricultural Research
Hója Técnica INIA
Holz als Roh- und Werkstoff
Holz-Zentralblatt
Holzforschung und Holzverwertung
Holztechnologie
Holzzucht
HortScience
Human Ecology
Hydrological Processes
Hydrological Sciences Journal
IAAE Occasional Paper
IAHS Publication
IAWA Bulletin
IBSRAM Technical Notes
ICRAF Reprint
IEEE Transactions on Geoscience and Remote Sensing
IFE-Berichte aus Forschung und Entwicklung
ILEIA Newsletter
Indian Agriculturist
Indian Cocoa, Arecanut and Spices Journal
Indian Dairyman
Indian Farming
Indian Forester
Indian Horticulture
Indian Journal of Agricultural Sciences
Indian Journal of Animal Nutrition
Indian Journal of Botany
Indian Journal of Ecology
Indian Journal of Entomology
Indian Journal of Forestry
Indian Journal of Genetics & Plant Breeding
Indian Journal of Medical Research
Indian Journal of Pharmaceutical Sciences
Indian Journal of Range Management
Indian Perfumer
Indonesian Agricultural Research & Development Journal
Information Report - Canadian Forestry Service-Maritimes
Information Report - Economics Branch, Canadian Forestry Service
Information Report - Forest Pest Management Institute, Canadian Forestry Service
Information Report - Great Lakes Forestry Centre, Canadian Forestry Service
Information Report - Laurentian Forestry Centre, Canadian Forestry Service
Information Report - Newfoundland Forestry Centre, Canadian Forestry Service
Information Report - Northern Forestry Centre, Canadian Forestry Service
Information Report - Pacific Forestry Centre, Canadian Forestry Service
Information Report - Petawawa National Forestry Institute, Canadian Forestry Service
Information Report DPC-X (Ottawa)
Information Series - Tropenbos, Netherlands
Informations-Forêt
Informatore Fitopatologico
Informe Agropecuário
Informe da Pesquisa - Instituto Agronômico do Paraná
Insect Biochemistry
Insect Knowledge
Insect Science and its Application
Institute of Botany, Academia Sinica Monograph Series
Interciencia
Internal Paper - Thai-German Highland Development Programme
International Agrophysics
International Biodeterioration
International Journal of Crude Drug Research
International Journal of Environmental Analytical Chemistry
International Journal of Remote Sensing
International Journal of Systematic Bacteriology
International Journal of Tropical Agriculture
International Rice Research Newsletter
International Tree Crops Journal
Investigación Agraria, Producción y Protección Vegetales
Iowa State Journal of Research
IPEF, Instituto de Pesquisas e Estudos Florestais
Iranian Journal of Natural Resources
IRDC Manuscript Reports
Irish Forestry
Irish Journal of Agricultural Economics and Rural Sociology
Irish Naturalists' Journal
Irrigation Science
ISI Atlas of Science, Animal and Plant Sciences
ISPP Chemical Control Newsletter
Israel Journal of Botany
Israel Journal of Entomology
İstanbul Üniversitesi Orman Fakültesi Dergisi, A
Italia Agricola
ITE Symposium
IUFRO World Series
Izvestiya Sibirskogo Otdeleniya Akademii Nauk SSSR. Seriya Biologicheskikh Nauk
Izvestiya Vysshikh Uchebnykh Zavedenii, Lesnoi Zhurnal
Japanese Journal of Applied Entomology and Zoology
Japanese Journal of Botany
Japanese Journal of Tropical Agriculture
JAPCA, Journal of the Air & Waste Management Association
JESS Report
Journal d'Agriculture Traditionnelle et de Botanique Appliquée
Journal of Agricultural and Food Chemistry
Journal of Agricultural Economics
Journal of Agricultural Ethics
Journal of Agricultural Research, Pakistan
Journal of Agricultural Science
Journal of Agricultural Science, Tokyo Nogyo Daigaku
Journal of Allergy and Clinical Immunology
Journal of Applied Ecology
Journal of Applied Entomology
Journal of Applied Meteorology
Journal of Arboriculture
Journal of Arid Environments
Journal of Bamboo Research
Journal of Beijing Forestry University
Journal of Bengal Natural History Society
Journal of Biogeography
Journal of Biological Chemistry
Journal of Chemical Ecology
Journal of Chromatography
Journal of Coffee Research
Journal of Comparative Physiology. Part A, Sensory, Neural, and Behavioral Physiology
Journal of Contaminant Hydrology
Journal of Developing Areas
Journal of Developing Societies
Journal of Ecology (Beijing)
Journal of Ecology (Oxford)
Journal of Economic and Taxonomic Botany
Journal of Economic Entomology
Journal of Entomological Science
Journal of Environmental Management
Journal of Environmental Quality
Journal of Environmental Radioactivity
Journal of Environmental Science and Health. Part B, Pesticides, Food Contaminants, and Agricultural Wastes
Journal of Ethnopharmacology
Journal of Experimental Botany
Journal of Farming Systems
Journal of Food Science
Journal of Forest History
Journal of Genetics & Breeding
Journal of Heredity

Journal of High Resolution Chromatography and Chromatography Communications
Journal of Horticultural Science
Journal of Hydrology (Amsterdam)
Journal of Insect Behavior
Journal of Invertebrate Pathology
Journal of Irrigation Engineering and Rural Planning
Journal of Japanese Botany
Journal of Korean Forestry Society
Journal of Nanjing Forestry University
Journal of Nanjing Institute of Forestry
Journal of Natural Products
Journal of Nematology
Journal of Northeast Forestry University
Journal of Phytopathology
Journal of Plant Anatomy and Morphology
Journal of Plant Nutrition
Journal of Plant Physiology
Journal of Plantation Crops
Journal of Radioanalytical and Nuclear Chemistry
Journal of Range Management
Journal of Recent Advances in Applied Sciences
Journal of Research on the Lepidoptera
Journal of Shenyang Agricultural University
Journal of Social Development in Africa
Journal of Soil and Water Conservation
Journal of Soil Science
Journal of South China Agricultural University
Journal of Southeast Asian Studies
Journal of Southern African Studies
Journal of Taiwan Museum
Journal of the Adelaide Botanic Gardens
Journal of the Air Pollution Control Association
Journal of the American Mosquito Control Association
Journal of the American Oil Chemists' Society
Journal of the American Society for Horticultural Science
Journal of the Andaman Science Association
Journal of the Arnold Arboretum
Journal of the Australian Entomological Society
Journal of the Bombay Natural History Society
Journal of the Chemical Society, Perkin Transactions I
Journal of the East Africa Natural History Society and National Museum
Journal of the Elisha Mitchell Scientific Society
Journal of the Entomological Society of British Columbia
Journal of the Faculty of Agriculture, Hokkaido University
Journal of the Faculty of Agriculture, Iwate University
Journal of the Grassland Society of Southern Africa
Journal of the Indian Society of Coastal Agricultural Research
Journal of the Indian Society of Soil Science
Journal of the Japanese Forestry Society
Journal of the Kansas Entomological Society
Journal of the Korean Society for Horticultural Science
Journal of the New York Entomological Society
Journal of the North American Benthological Society
Journal of the Rio Grande Valley Horticultural Society
Journal of the Royal Society of New Zealand
Journal of the Science of Food and Agriculture
Journal of the Timber Development Association of India
Journal of Tree Sciences
Journal of Tropical Ecology
Journal of Tropical Forest Resources
Journal of Tropical Forest Science
Journal of Tropical Forestry
Journal of Vegetation Science
Journal of Wildlife Management
Journal of World Forest Resource Management
Journal of Zhejiang Forestry Science and Technology
Jugoslovenski Standard
Jurnal Penelitian dan Pengembangan Kehutanan
Jurnal Penelitian Hasil Hutan
Kaen Kaset = Khon Kaen Agriculture Journal
Karnataka Journal of Agricultural Sciences
Karstenia
Kenya Coffee
Kew Bulletin
KFRI Research Report
Khelmintologiya
Khimiya v Sel'skom Khozyaistve
Klinkii
Koedoe
Kontyû
Korean Journal of Applied Entomology
Korean Journal of Entomology
Korean Journal of Plant Protection
Kulturpflanze
Kungl. Skogs- och Lantbruksakademiens Tidskrift
Lancet (British edition)
Land Degradation & Rehabilitation
Land Management Handbook, Ministry of Forests, British Columbia
Land Management Report, Ministry of Forests and Lands, British Columbia
Land Management Report, Ministry of Forests, British Columbia
Land Use Policy
Landscape and Urban Planning
Las Polski
Lesnaya Promyshlennost'
Lesnícky Časopis
Lesnictví
Lesnoe Khozyaistvo
Lesovedenie
Lesovedenie i Lesnoe Khozyaistvo
Lesovodstvo i Agrolesomelioratsiya
Leucaena Research Reports
Liebigs Annalen der Chemie
Lietuvos TSR Mokslų Akademijos Darbai. C Serija, Biologijos Mokslai
Lipids
Madras Agricultural Journal
Madroño
Malaysian Forester
Malezas
Management Bulletin - Alaska Region, USDA Forest Service
Management Bulletin - Southern Region, USDA Forest Service
Manual - Instituto Forestal, Chile
Manual - Sagarnath Forest Development Project, Ministry of Forests, Nepal
Material und Organismen
Matero
Meddelelser fra Norsk Institutt for Skogforskning
Mededelingen van de Faculteit Landbouwwetenschappen, Rijksuniversiteit Gent
Mededelingen, Rijksinstituut voor Onderzoek in de Bos- en Landscapsbouw 'De Dorschkamp', Wageningen
Mémoire, Direction de la Recherche et du Développement, Ministère de l'Énergie et des Ressources, Québec
Memoirs of the Botanical Survey of South Africa
Memoirs of the College of Agriculture, National Taiwan University
Memoirs of the Entomological Society of Canada
Memorabilia Zoologica
Menara Perkebunan
Mendel
Mesopotamia Journal of Agriculture
Metsanduslikud Uurimused, Estonian SSR
Metsäntutkimuslaitoksen Tiedonantoja
Micologia Italiana
Micron and Microscopica Acta
Mikologiya i Fitopatologiya
Minnesota Forestry Research Notes
MIRCEN Journal of Applied Microbiology and Biotechnology
Miscellaneous Information - Tokyo University Forests
Miscellaneous Publication - Faculty of Forestry and Wood Products, Michigan Technological University
Miscellaneous Publication - Faculty of Forestry, State University of New York
Miscellaneous Publication - Tall Timbers Research Station, Florida
Miscellaneous Report - Great Lakes Forestry Centre, Canadian Forestry Service
Mitteilungen - Eidgenössische Anstalt für das Forstliche Versuchswesen
Mitteilungen aus dem Institut für Allgemeine Botanik Hamburg
Mitteilungen aus der Staatsforstverwaltung Bayerns
Mitteilungen der Bundesforschungsanstalt für Forst- und Holzwirtschaft, Reinbek bei Hamburg
Mitteilungen der Deutschen Bodenkundlichen Gesellschaft
Mitteilungen der Deutschen Gesellschaft für Allgemeine und Angewandte Entomologie
Mitteilungen der Forstlichen Bundesversuchsanstalt Wien
Mitteilungen der Forstlichen Versuchs- und Forschungsanstalt Baden-Württemberg
Mitteilungen der Versuchsanstalt für Pilzanbau der Landwirtschaftskammer Rheinland, Krefeld-Grosshüttenhof
Mitteilungen des Vereins für Forstliche Standortskunde und Forstpflanzenzüchtung
Mitteilungen für die Schweizerische Landwirtschaft
Mogjae Gonghak = Journal of the Korean Wood Science and Technology
Mokuzai Gakkaishi = Journal of the Japan Wood Research Society
Monographs - Institute of Latin American Studies, Stockholm
Moscow University Soil Science Bulletin
Multipurpose Tree Species Network Series: Paper - Forestry/Fuelwood Research and Development (F/FRED) Project
Mycologia
Mycological Research
Mycologist
Nachrichtenblatt des Deutschen Pflanzenschutzdienstes
Nachrichtenblatt für den Pflanzenschutz in der DDR
Narodna Republika B'lgariya
Natural Areas Journal
Natural Enemies of Insects
Natural Resources Forum

Naturaliste Canadien
Nature (London)
Nature and Environment Series
Naturwissenschaften
Nauchnye Doklady Vysshei Shkoly, Biologicheskie Nauki
NBRI Newsletter
Nederlands Bosbouwtijdschrift
Nepal Forestry Technical Information Bulletin (NEFTIB), Forest Research and Information Centre, Forest Survey and Research Office, Department of Forests, Nepal
Netherlands Journal of Agricultural Science
Network Paper - Social Forestry Network
New Forests
New Phytologist
New Scientist
New Zealand Forestry
New Zealand Journal of Botany
New Zealand Journal of Crop and Horticultural Science
New Zealand Journal of Experimental Agriculture
New Zealand Journal of Forestry Science
New Zealand Tree Grower
News Bulletin, British Plant Growth Regulator Group
NFT Highlights
NFTA News
Ningxia Journal of Agro-Forestry Sciences and Technology
Nitrogen Fixing Tree Research Reports
Nordic Journal of Botany
Norma Cubana
Norsk Geografisk Tidsskrift
Northern Journal of Applied Forestry
Northwest Environmental Journal
Norwegian Journal of Agricultural Sciences
Note de Recherche - Institut National de Recherches Forestières, Tunisia
Note de Recherche Forestière, Direction de la Recherche et du Développement, Ministère de l'Énergie et des Ressources, Québec
Note Technique - Institut des Sciences Agronomiques du Rwanda
Notes from the Royal Botanic Garden Edinburgh
Növénytermelés
Nursery Notes (Toronto)
Nutrition Reports International
Nuytsia
Occasional Paper - Faculty of Forestry, Universiti Pertanian Malaysia
Occasional Paper - Forestry Commission
Occasional Papers of the East-West Environment and Policy Institute, USA
Ochrana Prírody
Oecologia
Ohio Journal of Science
Oikos
Opera Botanica Belgica
Ormancılık Araştırma Enstitüsü Yayınları, Teknik Bülten Serisi
Oryx
PAC Technical Paper - Pakhribas Agricultural Centre
Pacific and Asian Journal of Energy
Pacific Science
Pakistan Journal of Botany
Pakistan Journal of Forestry
Paper - American Society of Agricultural Engineers
Pasturas Tropicales
PCARRD Monitor
PE&RS, Photogrammetric Engineering & Remote Sensing
Pedobiologia
Pedologist
Periodieke Rapportage — Landbouw-Economisch Instituut
Pertanika
Pesquisa Agropecuária Brasileira
Pest Leaflet - Pacific Forestry Centre, Forestry Canada
Pesticide Science
Pesticides
Philippine Journal of Crop Science
Philippine Journal of Science
Photosynthesis Research
Photosynthetica
Physiologia Plantarum
Physiological Zoology
Phytochemistry
Phytomorphology
Phyton (Buenos Aires)
Phyton (Horn)
Phytopathology
Phytophylactica
Phytoprotection
Pirineos
Pittieria
Plant and Cell Physiology
Plant and Soil
Plant Cell Reports
Plant Disease
Plant Foods for Human Nutrition
Plant Health Information Sheet, Forestry Commission, UK
Plant Pathology
Plant Pathology Circular (Gainesville)
Plant Physiology
Plant Physiology & Biochemistry (New Delhi)
Plant Physiology and Biochemistry (Paris)
Plant Protection
Plant Protection News
Plant Science (Limerick)
Plant Systematics and Evolution
Plant, Cell and Environment
Planta
Planta Medica
Planter
Planters' Chronicle
Plantsman
Polska Norma
Polskie Pismo Entomologiczne
Principes
Přírodovědné Práce Ústavů Československé Akademie Věd v Brně
Problems of Desert Development
Problemy Osvoeniya Pustyn'
Proceedings of the Arkansas Academy of Science
Proceedings of the Association for Plant Protection of Kyushu
Proceedings of the Entomological Society of Washington
Proceedings of the Indian Academy of Sciences, Plant Sciences
Proceedings of the Indian National Science Academy. Part B, Biological Sciences
Proceedings of the Indiana Academy of Science
Proceedings of the Interamerican Society for Tropical Horticulture
Proceedings of the Iowa Academy of Science
Proceedings of the Japanese Association of Mycotoxicology
Proceedings of the Linnean Society of New South Wales
Proceedings of the National Academy of Sciences of the United States of America
Proceedings of the National Science Council, Republic of China. Part B, Life Sciences
Proceedings of the National Workshop - Soil and Water Conservation in Kenya
Proceedings of the New Zealand Grassland Association
Proceedings of the Royal Society of Queensland
Progress in Physical Geography
Progressive Farming
Progressive Horticulture
Project Working Papers Series - DHV Consulting Engineers, Netherlands
Protoplasma
Publicación - Instituto de Ecología, Mexico
Publicación Especial - Instituto Nacional de Investigaciones Forestales
Publication - Department of Botany, Plant Pests and Diseases Research Institute, Iran
Publication - Forest Survey and Research Office, Department of Forests, Nepal
Publication - School of Forestry and Wildlife Resources, Virginia Polytechnic Institute and State University
Publication - Soil Conservation Centre, Aokautere, New Zealand
Quaderni ITL - Istituto per la Tecnologia del Legno
Quarterly Journal of Chinese Forestry
Quarterly Journal of Forestry
Quarterly Journal of International Agriculture
Queensland Botany Bulletin
Queensland Department of Primary Industries Information Series
Radovi - Institut za Topolarstvo
Rangelands
RAPA Publication
Rapport - Institutionen för Skogsekonomi, Sveriges Lantbruksuniversitet
Rapport - Institutionen för Skogsproduktion, Sveriges Lantbruksuniversitet
Rapport - Institutionen för Skogsskötsel, Sveriges Lantbruksuniversitet
Rapport - Institutionen för Skogstaxering, Sveriges Lantbruksuniversitet
Rapport - Norsk Institutt for Skogforskning
Rapport - Rijksinstituut voor Onderzoek in de Bos- en Landschapsbouw 'De Dorschkamp', Wageningen
Rastitel'nye Resursy
Redia
Redogörelse, Forskningsstiftelsen Skogsarbeten, Sweden
Reference Book - Ministry of Agriculture, Fisheries and Food
Remote Sensing of Environment
Renewable Resources Journal
Report - Forest Pest Management/Methods Application Group, USDA Forest Service
Report - Northern Region, USDA Forest Service
Research & Survey in Nature Conservation
Research and Development Reporter
Research at Los Baños
Research Bulletin - Georgia Agricultural Experiment Stations

Research Bulletin - Ohio Agricultural Research and Development Center
Research Bulletin of the Seoul National University Forests
Research Bulletin of the Tottori University Forests
Research Circular - Ohio Agricultural Research and Development Center
Research Information Note - Forestry Commission, UK
Research Journal of Food and Agriculture
Research Note - British Columbia Ministry of Forests
Research Note - Intermountain Research Station, USDA Forest Service
Research Note - North Central Forest Experiment Station, USDA Forest Service
Research Note - Northeastern Forest Experiment Station, USDA Forest Service
Research Note - Pacific Northwest Research Station, USDA Forest Service
Research Note - Pacific Southwest Forest and Range Experiment Station, USDA Forest Service
Research Note - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
Research Note - Southeastern Forest Experiment Station, USDA Forest Service
Research Note - Southern Forest Experiment Station, USDA Forest Service
Research on Grassland Ecosystem
Research Pamphlet - Forest Research Institute Malaysia
Research Paper - Department of Conservation and Land Management, Western Australia
Research Paper - Forest Research Laboratory, School of Forestry, Oregon State University
Research Paper - Georgia Agricultural Experiment Stations
Research Paper - Intermountain Research Station, USDA Forest Service
Research Paper - Northeastern Forest Experiment Station, USDA Forest Service
Research Paper - Pacific Northwest Research Station, USDA Forest Service
Research Paper - Pacific Southwest Forest and Range Experiment Station, USDA Forest Service
Research Paper - Rocky Mountain Forest and Range Experiment Station, USDA Forest Service
Research Paper - Southeastern Forest Experiment Station, USDA Forest Service
Research Paper - Southern Forest Experiment Station, USDA Forest Service
Research Report - Agribusiness & Economics Research Unit, Lincoln College
Research Report - Department of Political Studies, Umeå University
Research Report - Georgia Agricultural Experiment Stations
Research Report - International Food Policy Research Institute
Research Report of the Institute of Forest Genetics, Korea Republic
Research Report Series - HMG-USAID-GTZ-IDRC-Winrock Project (Strengthening Institutional Capacity in the Food and Agricultural Sector in Nepal), Nepal
Research Report, Investigación Forestal, Cartón de Colombia
Research Reports of the Forestry Research Institute (Seoul)
Research Reports of the Kochi University, Agricultural Science
Research Results - Department of Forestry, Queensland
Research Series - College of Tropical Agriculture and Human Resources, University of Hawaii
Resource Bulletin - Intermountain Research Station, USDA Forest Service
Resource Bulletin - North Central Forest Experiment Station, USDA Forest Service
Resource Bulletin - Northeastern Forest Experiment Station, USDA Forest Service
Resource Bulletin - Pacific Southwest Forest and Range Experiment Station, USDA Forest Service
Resource Bulletin - Southeastern Forest Experiment Station, USDA Forest Service
Resource Bulletin - Southern Forest Experiment Station, USDA Forest Service
Resource Management and Optimization
Resultat - Forskningsstiftelsen Skogsarbeten
Resúmenes Analíticos de la Documentación Forestal Colombiana
Review of Palaeobotany and Palynology
Revista Árvore
Revista Brasileira de Ciência do Solo
Revista Chilena de Entomología
Revista da Etnografie şi Folclor
Revista de Agricultura (Piracicaba)
Revista de Biología Tropical
Revista de Estudios Agro-sociales
Revista Forestal Baracoa
Revista Forestal del Perú
Revista Latinoamericana de Microbiología
Revista Nicaraguense de Entomología
Revista Padurilor
Revista Pastos
Revista Theobroma
Revue d'Écologie et de Biologie du Sol
Revue d'Écologie: la Terre et la Vie
Revue de Nématologie
Revue Forestière Française
Revue Française d'Apiculture
Revue Roumaine de Biologie, Biologie Animale
Rhodora
RIC Bulletin
Ringyo Keizai = Forest Economy
Rivista di Agricoltura Subtropicale e Tropicale
Rivista di Economia Agraria
Rivista di Ingegneria Agraria
Roczniki Gleboznawcze
Roczniki Nauk Rolniczych. Seria A, Produkcja Roślinna
Rodriguésia
Rubber Board Bulletin
Sadovodstvo i Vinogradarstvo
Sarawak Museum Journal
Sborník ČSAZ
Sborník Jihočeského Muzea v českých Budějovicích, Přírodní Vědy
Sborník Mechanizační Fakulty, Vysoké Školy Zemědělské v Praze
Sborník, Vysoké Školy Zemědělské v Praze, Fakulta Agronomická, C (Zemědělské Meliorace)
Scandinavian Journal of Forest Research
Schriften aus der Forstlichen Fakultät der Universität Göttingen und der Niedersächsischen Forstlichen Versuchsanstalt
Schriften des Forschungsinstitutes für Schnellwachsende Baumarten
Schriftenreihe des Bundesministers für Ernährung, Landwirtschaft und Forsten. Reihe A, Angewandte Wissenschaft
Schweizerische Zeitschrift für Forstwesen
Science (Washington)
Science Age
Science and Practice of Agroforestry
Science Bulletin of the Faculty of Agriculture, Kyushu University
Scientia Silvae Sinicae
Scientific Reports of the Faculty of Agriculture, Okayama University
Scientific Reports of the Kyoto Prefectural University, Agriculture
Scottish Agricultural Economics Review
Scottish Forestry
Scottish Geographical Magazine
Scripta Geobotanica
Seed Science and Technology
Separate Issue from the Bulletin of the Faculty of Agriculture, Shimane University
Serie Bibliotecología y Documentación: Bibliografía - Centro Agronómico Tropical de Investigación y Enseñanza
Serie de Documentación - Corporación Nacional de Investigación y Fomento Forestal
Serie Técnica - Corporación Nacional de Investigación y Fomento Forestal
Serie Técnica: Informe Técnico - Centro Agronómico Tropical de Investigación y Enseñanza
SFV Bulletin, Schweizerischer Fremdenverkehrsverband
Sibirskii Vestnik Sel'skokhozyaĭstvennoĭ Nauki
SIDA Evaluation Report Series, Swedish International Development Authority
Silva Fennica
Silva Gandavensis
Silvae Genetica
Silvoenergía
Singapore Journal of Tropical Geography
Society & Natural Resources
Soil & Tillage Research
Soil Biology & Biochemistry
Soil Science
Soil Science Society of America Journal
Soil Survey and Land Evaluation
Soil Use and Management
Solomon Islands' Forest Record
Somali Forestry Series
Somali Journal of Range Science
Somali Rangelands Extension Leaflet
South African Forestry Journal
South African Journal of Botany
South African Journal of Science
South Indian Horticulture
Southwestern Naturalist
Soviet Agricultural Biology. 1, Plant Biology
Soviet Agricultural Sciences
Soviet Journal of Ecology
Soviet Plant Physiology
Sozialistische Forstwirtschaft
Special Bulletin of the College of Agriculture, Utsunomiya University
Special Circular - Ohio Agricultural Research and Development Center
Special Publication - Nitrogen Fixing Tree Association
Special Report - Forest Engineering Research Institute of Canada
Sri Lanka Forester

Staff Paper - Department of Agricultural and Applied Economics, University of Minnesota
Stain Technology
Station Bulletin - Minnesota, Agricultural Experiment Station
Studies of the San'in Region, Forest Resources, Center for Studies of the San'in Region, Shimane University
Study, World Resources Institute
Sudan Silva
Šumarski List
Suo
Sveriges Skogsvårdsförbunds Tidskrift
Svinovodstvo, Moscow
Sylvatrop
Sylwan
Symbiosis
Systematic Botany
TARO Newsletter
Taxon
Tea
Technical Bulletin - Mississippi Agricultural and Forestry Experiment Station
Technical Bulletin - National Council of the Paper Industry for Air and Stream Improvement
Technical Bulletin - State Forest Research Institute, Madhya Pradesh, India
Technical Bulletin - United States Department of Agriculture
Technical Bulletin of Faculty of Horticulture, Chiba University
Technical Bulletin of the Forest Products Research Institute, Ghana Forestry Commission
Technical Note - Canadian Forestry Service-Maritimes
Technical Note - DANIDA Forest Seed Centre
Technical Note - Forest Pest Management Institute, Canadian Forestry Service
Technical Paper - Department of Forestry, Queensland
Technical Paper - Forestry Commission of NSW
Technical Paper - Lumle Agricultural Centre
Technical Publication - Southern Region, USDA Forest Service
Technical Report - Bura Forestry Research Project
Technical Report - Cooperative National Park Resources Studies Unit, University of Hawaii
Technical Report - School of Forest Resources, North Carolina State University
Technical Report - Southern Forest Research Center, North Carolina State University
Tecnologia en Marcha
Teho
Teknologi Koko-Kelapa
Telopea
Tetrahedron
Tetrahedron Letters
Theoretical and Applied Genetics
Transactions of Indian Society of Desert Technology
Transactions of the ASAE
Transactions of the Illinois State Academy of Science
Tree Physiology
Tree Planters' Notes
Trees and Natural Resources
Trees: Structure and Function
Trends in Ecology & Evolution
Trichoderma Newsletter
Tropenbos Scientific Series
Tropenbos Technical Series
Tropenlandwirt, Beiheft
Tropical Agriculture
Tropical Ecology
Tropical Grasslands
Tropical Pest Management
Tropicultura
Trudy Gosudarstvennogo Nikitskogo Botanicheskogo Sada
Trudy Vsesoyuznogo Entomologicheskogo Obshchestva, Akademiya Nauk SSSR
Turrialba
Two and a Bud
UNEP Environment Brief
United States Patent
UP Forest Bulletin - Forest Department, Uttar Pradesh
Utah Science
Vækst
Van Vigyan
Växtskyddsnotiser
Vegetatio
Venezuela Forestal
Verbondsnieuws voor de Belgische Sierteelt
Verslagen en Mededelingen, Commissie voor Hydrologisch Onderzoek TNO
Vestnik Sel'skokhozyaistvennoĭ Nauki (Moskva)
Vestnik Zoologii
Vida Silvestre Neotropical
Vie et Milieu
Vízügyi Közlemények
Waldhygiene
Waldschutz-Merkblatt
Waldschutzgebiete im Rahmen der Mitteilungen der Forstliche Versuchs- und Forschungsanstalt Baden-Württemberg
Wallaceana
Wasmann Journal of Biology
Water Quality Bulletin
Water Research (Oxford)
Water Resources
Water Resources Bulletin
Water Resources Research
Water, Air, and Soil Pollution
Watsonia
Weed Research, Japan
Weed Science
Weed Technology
Western Journal of Applied Forestry
Weta
What's New in Forest Research
Wildlife Society Bulletin
Wissenschaftliche Mitteilung - Universität München, Meteorologisches Institut
Wissenschaftliche Zeitschrift der Technischen Universität Dresden
Working Paper - International Institute for Applied Systems Analysis
Working Paper - International Rural Development Centre, Swedish University of Agricultural Sciences
Working Paper - National Range Agency/British Forestry Project Somalia
Working Paper - New Zealand Forestry Council
Working Papers - Philippine Institute for Development Studies
World Bank Occasional Paper
World Bank Technical Paper
World Development (Oxford)
Worldwatch Paper
Yearbook - South African Avocado Growers' Association
Zashchita Rastenii
Zbornik Gozdarstva in Lesarstva
Zeitschrift für Angewandte Zoologie
Zeitschrift für Kulturtechnik und Flurbereinigung
Zeitschrift für Kulturtechnik und Landentwicklung
Zeitschrift für Naturforschung. Section C, Biosciences
Zeitschrift für Pflanzenernährung und Bodenkunde
Zeitschrift für Pflanzenkrankheiten und Pflanzenschutz
Zeitschrift für Vegetationstechnik im Landschafts- und Sportstättenbau
Zeszyty Naukowe Akademii Rolniczej im. H. Kołłątaja w Krakowie, Sesja Naukowa
Zhongguo Shiyongjun = Edible Fungi of China
Zhurnal Obshchei Biologii
Zimbabwe Agricultural Journal
Zoological Science
Zoologischer Anzeiger
Zuowu Pinzhong Ziyuan
[Publication], TC Tarım Orman ve Köyişleri Bakanlığı

# CAB INTERNATIONAL INFORMATION SERVICES
## PRODUCTS AND SERVICES

Almost 100 scientists/linguists in the 11 Bureaux of CABI's Information Services at Wallingford, UK, with help from associated organizations and individuals worldwide, abstract and index the significant research and development literature in agriculture, forestry and allied disciplines. Over 10,000 serials and many other publications are scanned, and approximately 130,000 bibliographic records are compiled each year. From this computerized database is derived a wide range of information services and products in hard copy and machine-readable form, designed to meet a variety of customer needs.

### HARD COPY PRODUCTS

**Abstract journals**

The following abstract journals on specific disciplines, specialist crops or products, or particular livestock are published, mostly monthly or quarterly. Each has author and subject indexes, cumulated annually in a special issue of the journal.

**Animal Science and Production**

*Animal Breeding Abstracts; Dairy Science Abstracts; Nutrition Abstracts & Reviews, Series B-Livestock Feeds & Feeding; Pig News & Information; Poultry Abstracts.*

**Veterinary Science and Parasitic Diseases**

*Helminthological Abstracts; Index Veterinarius; Protozoological Abstracts; Review of Medical & Veterinary Entomology; Review of Medical & Veterinary Mycology; Veterinary Bulletin.*

**Crop Science and Production**

*Crop Physiology Abstracts; Faba Bean Abstracts; Field Crop Abstracts; Herbage Abstracts; Horticultural Abstracts; Irrigation & Drainage Abstracts; Maize Abstracts; Ornamental Horticulture; Plant Breeding Abstracts; Plant Growth Regulator Abstracts; Postharvest News and Information; Potato Abstracts; Rice Abstracts; Seed Abstracts; Soils & Fertilizers; Sorghum & Millets Abstracts; Soyabean Abstracts; Sugar Industry Abstracts; Wheat, Barley & Triticale Abstracts.*

**Forestry**

*Agroforestry Abstracts; Forest Products Abstracts; Forestry Abstracts.*

**Crop Protection**

*Biocontrol News & Information; Nematological Abstracts; Review of Agricultural Entomology; Review of Plant Pathology; Weed Abstracts.*

**Economics, Development and Sociology**

*Leisure, Recreation & Tourism Abstracts; Rural Development Abstracts; World Agricultural Economics & Rural Sociology Abstracts.*

**Machinery and Buildings**

*Agricultural Engineering Abstracts.*

**Human Nutrition**

*Nutrition Abstracts & Reviews, Series A-Human & Experimental.*

**Biotechnology/Biodeterioration**

*AgBiotech News & Information; Biodeterioration Abstracts.*

Also published is a series of current awareness publications (CAB Prompts) on specific crops. Subject indexes are not provided. Titles in the series so far are: *Groundnuts* and *Chickpeas/Pigeonpeas*. In addition, many retrospective compilations of abstracts (Annotated Bibliographies) on various topics are available on demand.

**SDI Service**

SDI (Selective Dissemination of Information) is a regular current awareness service based on the most recent input to the database. Subscribers decide their own search profile and receive search results at intervals of their choice, either as computer printout or on floppy discs suitable for most microcomputers. Delivery by airmail.

**CAB Alerts**

This is a special SDI service providing subscribers each month with the search results from standard profiles chosen by CABI. Numerous titles are available and the list is regularly updated to reflect new subject interests. Output is available on computer printout posted by airmail.

### MACHINE-READABLE PRODUCTS AND SERVICES

**Online Access**

The machine-readable database, known as CAB ABSTRACTS, is publicly accessible online through DIALOG Information Services (USA), BRS Information Technologies (USA), ESA-IRS (Italy), DIMDI (GFR), JICST (Japan), CAN-OLE (Canada) and Tsukuba Daigaku (Japan). The whole database back to 1973 contains over 2 million records. Search aids include the CAB ABSTRACTS Online Manual, the CAB Thesaurus (1988 Edition) and the CAB International Serials Checklist (1988).

**CAB ABSTRACTS on Compact Disc**

The database is also available on CD-ROM (Compact Disc Read Only Memory). Volume one contains bibliographic citations and abstracts for 1984-86; the second volume contains the 1987-89 data. CD-ROM technology provides an online search capability without the worries of cost or telecommunication problems. An IBM or fully IBM-compatible PC, 640 K RAM, MS-DOS or PC-DOS version 2.1 or higher, and a CD-ROM player are needed. The SPIRS (SilverPlatter Information Retrieval System) software allows maximum search flexibility.

**Magnetic tapes**

Organizations with access to mini or mainframe computers may lease all or part of CAB ABSTRACTS on magnetic tape. Update tapes are issued monthly, and retrospective tapes as required.

### OTHER PRODUCTS AND SERVICES

**Document Delivery Service**

Photocopies of originals of most articles included in the database are available from CABI Library Services, Silwood Park, Ascot, UK. Documents may also be ordered online via DIALOG's DIALORDER or ESA/IRS's PRIMORDIAL.

**Books and serial publications**

CABI publishes authoritative reference books, directories and serial publications, the latter including *Bulletin of Entomological Research, Outlook on Agriculture, Index of Current Research on Pigs, Distribution Maps of Pests, Distribution Maps of Plant Diseases, Bibliography of Systematic Mycology, Descriptions of Pathogenic Fungi & Bacteria, Index of Fungi,* and *Systema Ascomycetum*. CABI is a co-sponsor of the International Food Information Service which publishes *Food Science & Technology Abstracts*.

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**The Organization**
CAB International (CABI) is an international, intergovernmental organization registered with the United Nations. It is owned and administered by its member governments; these currently number 29, but membership is open to all governments who wish to participate. Established in 1928, the organization provides information, scientific, and development services for agriculture and allied disciplines throughout the world.

**Information Services**
The main task of the Information Services, located at the CAB International Centre (CABIC) at Wallingford, is the creation of a bibliographic database of research on agriculture, forestry and allied disciplines, including social sciences and aspects of human medicine. Abstract journals derived from the database, and online access to it, provide a unique source of information for research scientists, development planners, educators and students. Subsidiary but growing tasks are the publication of primary journals and reference works, and training information professionals in developing countries.

The Accessions Unit acquires the relevant scientific and technical literature (ca 10,000 serials and over 5,000 other publications annually) for abstracting by almost 100 scientists/linguists in the following 11 Bureaux:

Agricultural Economics
Animal Breeding & Genetics
Animal Health
Dairy Science & Technology
Nutrition
Pastures & Field Crops
Crop Protection
Horticulture & Plantation Crops
Plant Breeding & Genetics
Soils
Forestry

Further material is acquired and processed by collaborating or contracted organizations. Other staff coordinate work on specialized directories and databanks, and commission new books and primary journals. The Publications Unit is responsible for printing the journals and books, and the Marketing & Sales Division promotes and sells Information Services products and services world-wide (see inside back cover for details).

**Scientific Services**
CABI's Scientific Services consist of four institutes and two support services:

*CAB International Institute of Entomology (CIE),* Director Dr K.M. Harris, located at 56 Queen's Gate, London, and in the British Museum, Natural History.

*CAB International Mycological Institute (CMI),* Director Professor D.L. Hawksworth, located at Ferry Lane, Kew, London, adjacent to the Royal Botanic Gardens.

*CAB International Institute of Parasitology (CIP),* Director Dr R. Muller, located at Winches Farm, St Albans, the field station of the London School of Hygiene & Tropical Medicine.

These three Institutes provide an authoritative identification service for agricultural pests and other organisms, conduct research, implement projects, and provide training in their fields of expertise.

*CAB International Institute of Biological Control (CIBC),* Director Dr D.J. Greathead, has its headquarters at Silwood Park, Ascot, the field station of Imperial College of Science and Technology, University of London. It has stations in Trinidad and Tobago, Switzerland, Pakistan, Kenya and Malaysia. It provides biocontrol services, conducts training, and participates in integrated pest management programmes.

*Development Services, (CDS),* Head Mr D. Heydon, integrate the broad range of CABI expertise to provide advice and assistance with agricultural problems, but particularly those related to pest management and information services.

*Library Services,* Manager Mr C.J. Hamilton, have their headquarters with CIBC at Silwood Park, where the main Library is held, with additional literature collections at CMI, CIP, CDS and CABIC. Library Services operate a Document Delivery Service.

**Systems**
The Systems Division provides computing resources and services to all parts of CABI. It maintains a central computing facility with telecommunications access to seven remote sites, including four CABI Institutes. CABIC is served by a modern Local Area Network which provides access to the computers, and by advanced office automation facilties. The main computers are DEC VAX systems and the principal software systems are BASIS for data management and information retrieval and PAGER for typesetting.

The staff of 20 includes database production personnel, systems analysts, programmers and computer operators. The principal systems are for the production of the CABI bibliographic database and associated functions, plus accessions control, subscription management and electronic publishing.

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